CARMONA RESOURCES

# SITE INFORMATION

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**Closure Report**
**Riser 121 (06.29.2025)**
**Incident # nAPP2518066673**
**Lea County, New Mexico**
**Unit A, Sec 27, T21S, R34E**
**32.444100001°, -103.46256°**

**Produced Water Release**
**Point of Release: Equipment Failure Within Pipeline Riser**
**Release Date: 06.29.2025**
**Volume Released: 25 Barrels of Produced Water**
**Volume Recovered: 25 Barrels of Produced Water**

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**Prepared for:**
**Delek Logistics Company**
**305 N. Washington**
**El Dorado, Arkansas 71730**

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

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April 9, 2026

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

**Re: Closure Report**
**Riser 121 (06.29.2025)**
**Delek Logistics Company**
**Incident # nAPP2518066673**
**Site Location: Unit A, Sec 27, T21S, R34E**
**(Lat 32.444100001°, Long -103.46256°)**
**Lea County, New Mexico**

To whom it may concern:

On behalf of Delek Logistics Company (Delek), Carmona Resources LLC (Carmona Resources) has prepared this letter to document site assessment activities at the Riser 121 release. The site is located at 32.444100001°, -103.42256° within Unit A, Sec 27, T21S, R34E in Lea County, New Mexico (Figures 1 and 2).

## 1.0 Site Information and Background

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on June 29, 2025, due to equipment failure within the pipeline riser. It resulted in the release of twenty-five (25) barrels of produced water, with twenty-five (25) barrels of produced water recovered. The spill boundaries are shown in Figure 3. The Notification of Release and Initial C-141 forms are 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 well is located approximately 0.67 miles Northwest of the site in S28, T21S, R34E, and was drilled in 1996. The well has a reported depth to groundwater of 136.59 feet below the ground surface (ft bgs). A copy of the associated well log 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 the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.

## 4.0 Site Assessment Activities

### Initial Assessment

Beginning on October 16, 2025, Carmona Resources personnel performed site assessment activities via a backhoe to evaluate soil impacts stemming from the release. A total of six (6) trench samples (T-1 through T-6) and seven (7) horizontal samples (H-1 through H-7) were advanced to depths ranging from surface to 12 ft bgs inside and surrounding the release area to evaluate the vertical and horizontal extent of the release. Due to vertical delineation not being achieved in the areas of T-1, T-2, and T-5, an air rotary rig was used to further delineate these areas. The area of T-1 is represented by BH-1, the area of T-2 is represented by BH-2, and the area of T-5

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is represented by BH-5. 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.

Vertical Delineation

Vertical delineation was achieved in all areas for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

Horizontal Delineation

Horizontal delineation was achieved in all areas for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

## 5.0 Remediation Activities

Beginning on February 17, 2026, Carmona Resources personnel were onsite to supervise remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on February 18, 2026, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The areas of T-1/BH-1 and T-5/BH-5 were excavated to a depth of 15 ft bgs. The area of T-2/BH-2 was excavated to a depth of 13 ft bgs. The areas of T-3 and T-6 were excavated to a depth of 6.0 ft bgs. The area of T-4 was excavated to depths of 5.0 to 5.25 ft bgs. A total of seventy-one (71) confirmation floor samples (CS-1 through CS-71) and forty-three (43) sidewall samples (SW-1 through SW-43) were collected every 200 square feet to ensure the proper removal of the contaminated soils. For chemical analysis, the soil samples were collected and placed into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas, and Cardinal Laboratories in Hobbs, New Mexico. 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 and 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

All final confirmation samples were below the regulatory requirements for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 2. The excavation depth and confirmation sample locations are shown in Figures 4A through 4E.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. A composite sample of the backfill material was collected for laboratory analysis on February 25, 2026, before being utilized. The backfill material was sourced from the local landowner at 32.433708°, -103.449191°. Refer to Table 2. Approximately 13,364 square feet of contamination was remediated, resulting in approximately 4,843 cubic yards of material being excavated and transported offsite for proper disposal.

## 6.0 Revegetation Activities

On April 6, 2026, the backfilled areas in the pasture were seeded via seed drill with the appropriate pounds of pure live seed per acre. The topsoil was furrowed with the seed drill to aid the vegetation process. The seed mixture used was SLO Loamy Seed Mix. The reseeded area measured approximately 13,364 square feet. See Figure 5 for the revegetation area. See Appendix D for soil type.

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## 7.0 Conclusions

Based on the assessment and analytical data from the remediation, no further actions are required at the site. Delek 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
Director of Operations

Gilbert Priego
Project Manager

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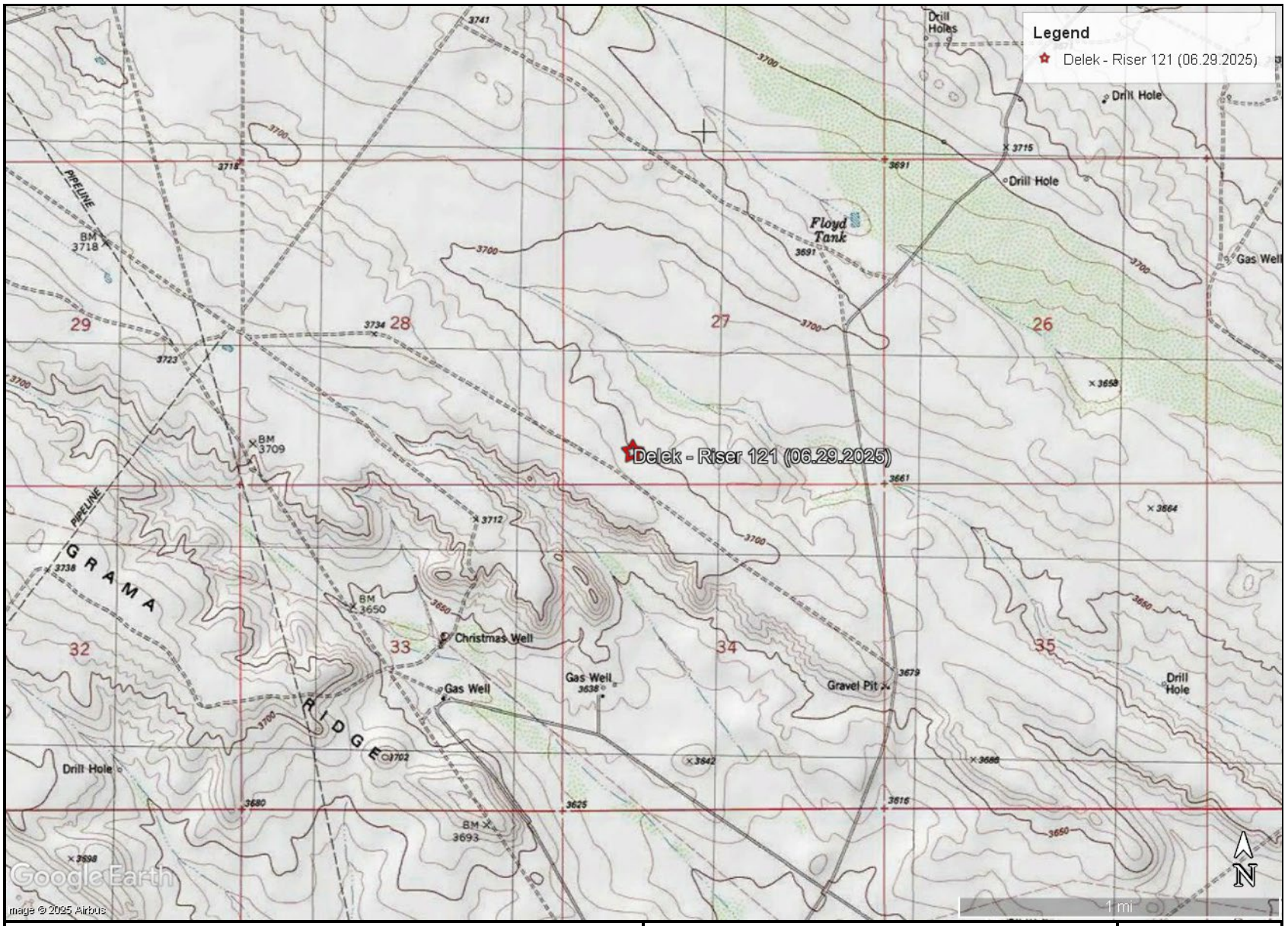
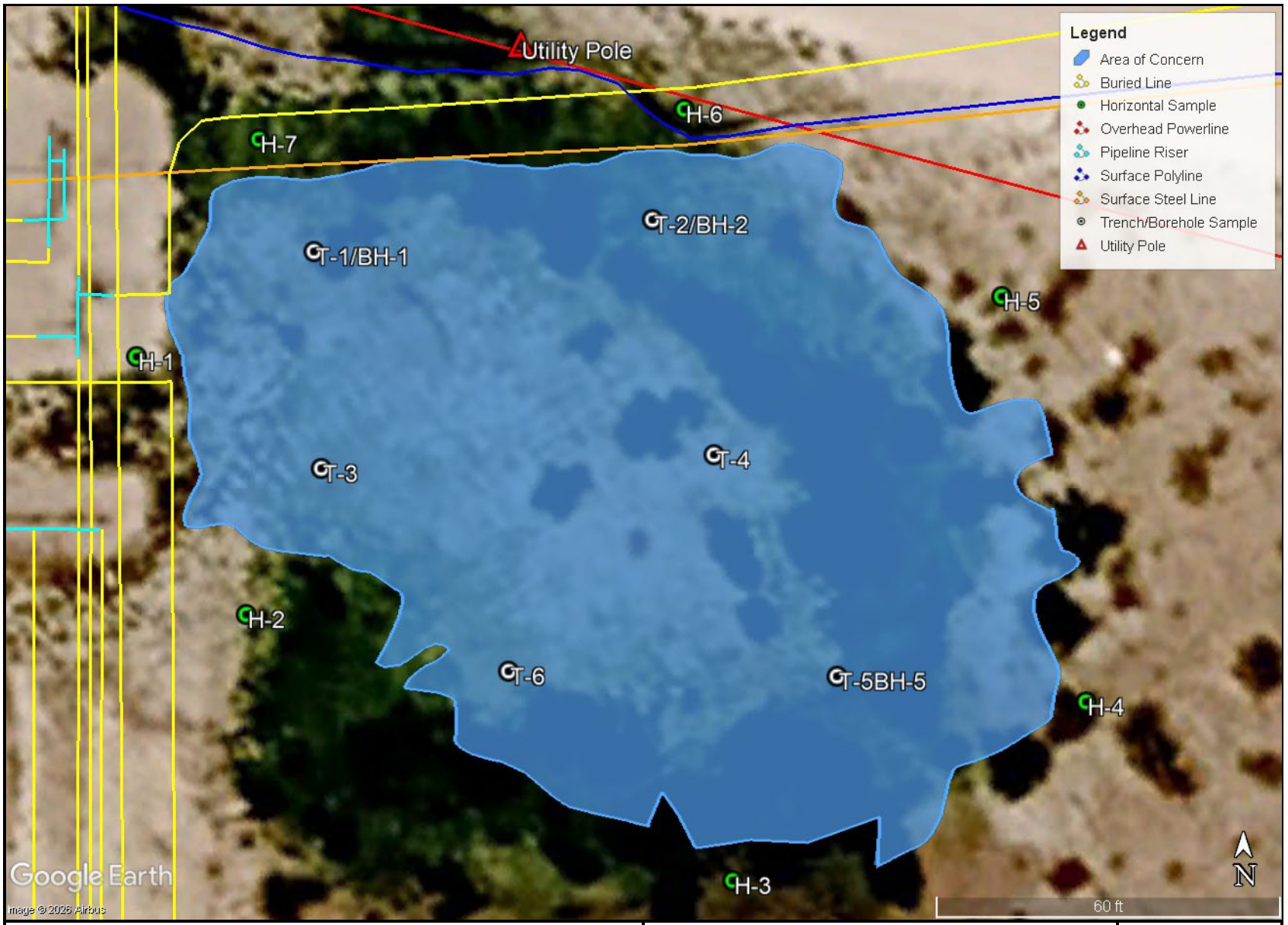
# FIGURES

CARMONA RESOURCES

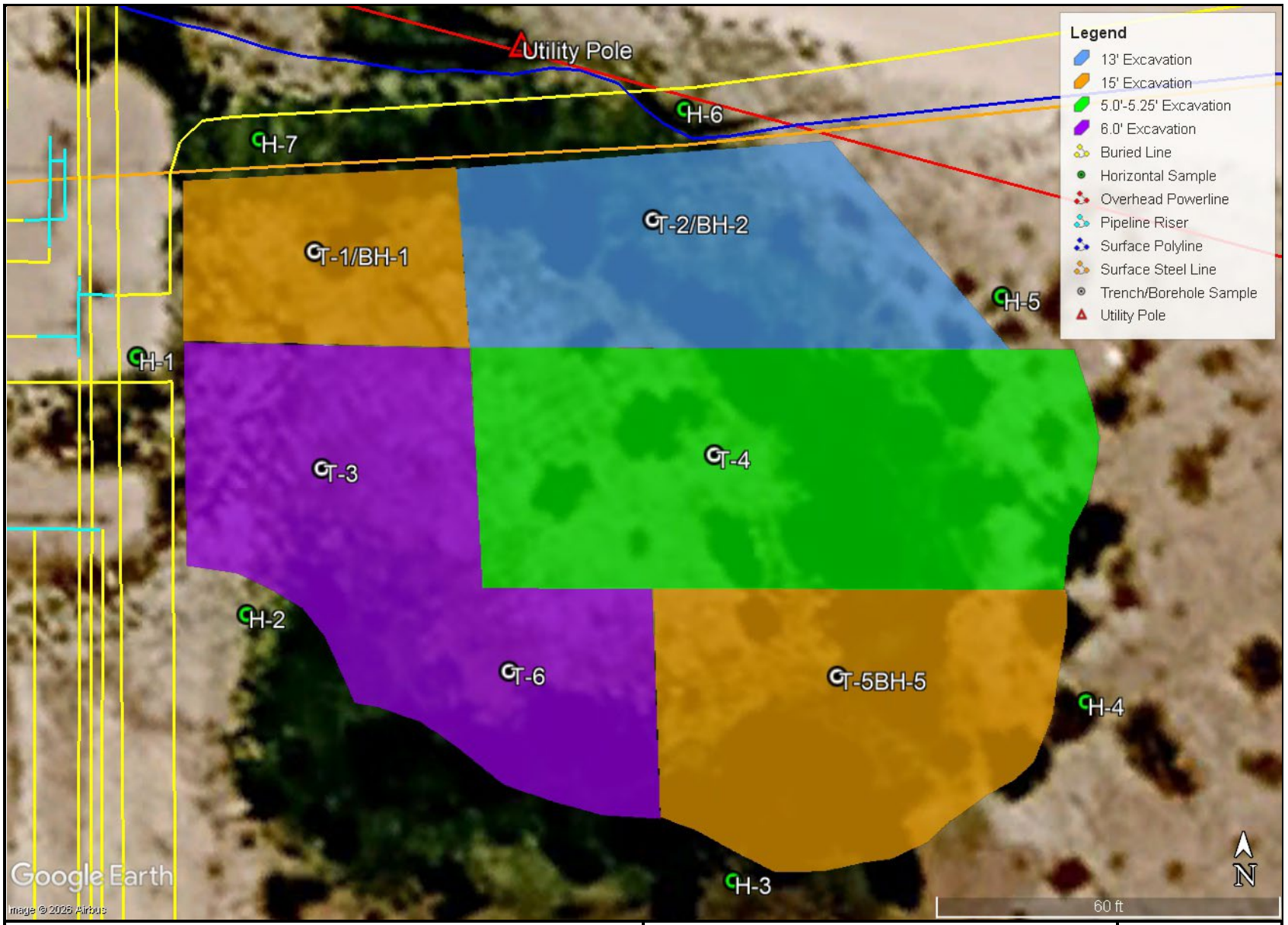
| | | |
|---|---|---|
| OVERVIEW MAP<br>DELEK LOGISTICS COMPANY<br>RISER 121 (06.29.2025)<br>LEA COUNTY, NEW MEXICO<br>32.444100001°, -103.46256° | CARMONA RESOURCES | FIGURE 1 |



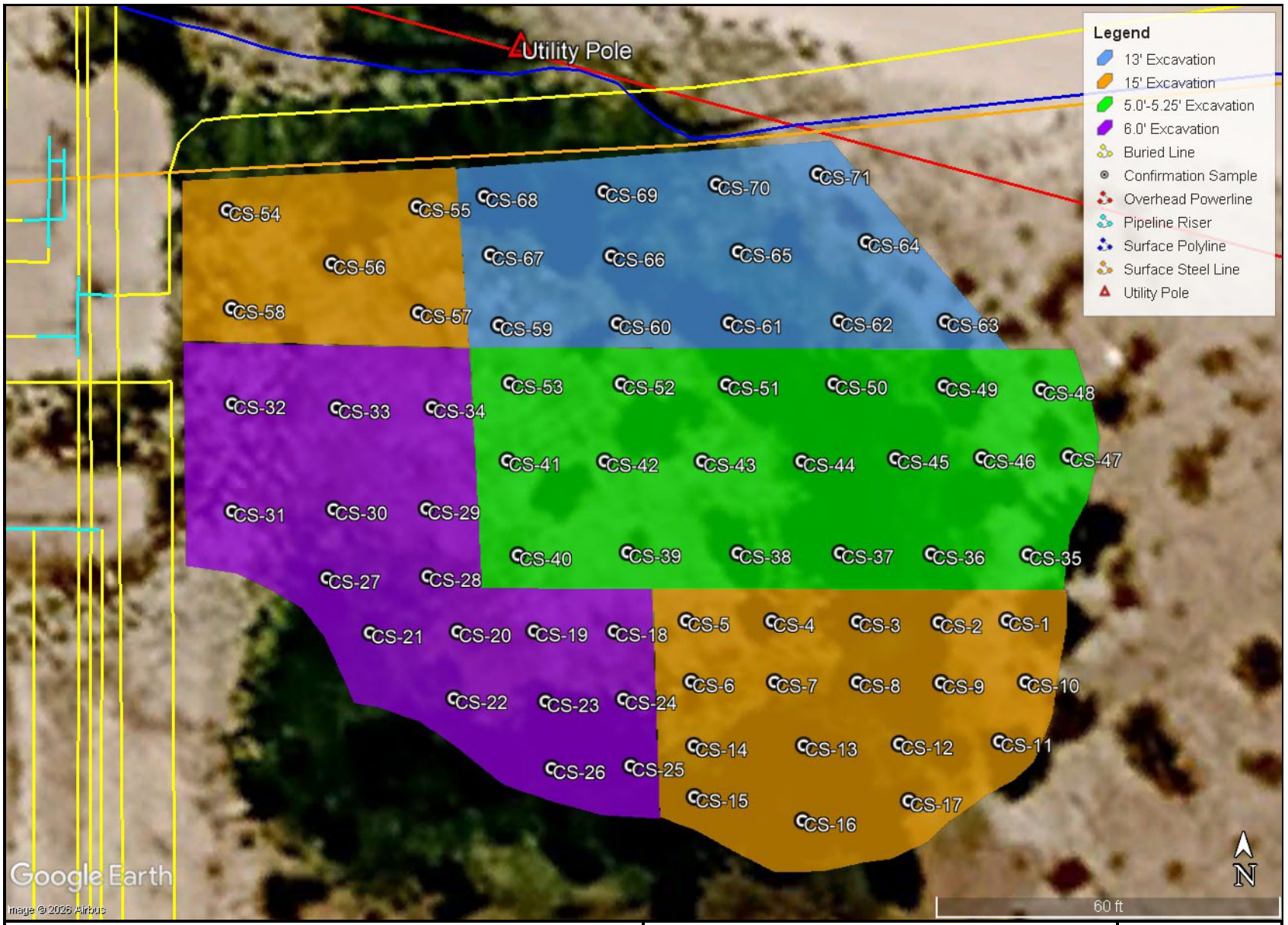

| | | |
|---|---|---|
| TOPOGRAPHIC MAP<br>DELEK LOGISTICS COMPANY<br>RISER 121 (06.29.2025)<br>LEA COUNTY, NEW MEXICO<br>32.444100001°, -103.46256° | CARMONA RESOURCES | FIGURE 2 |



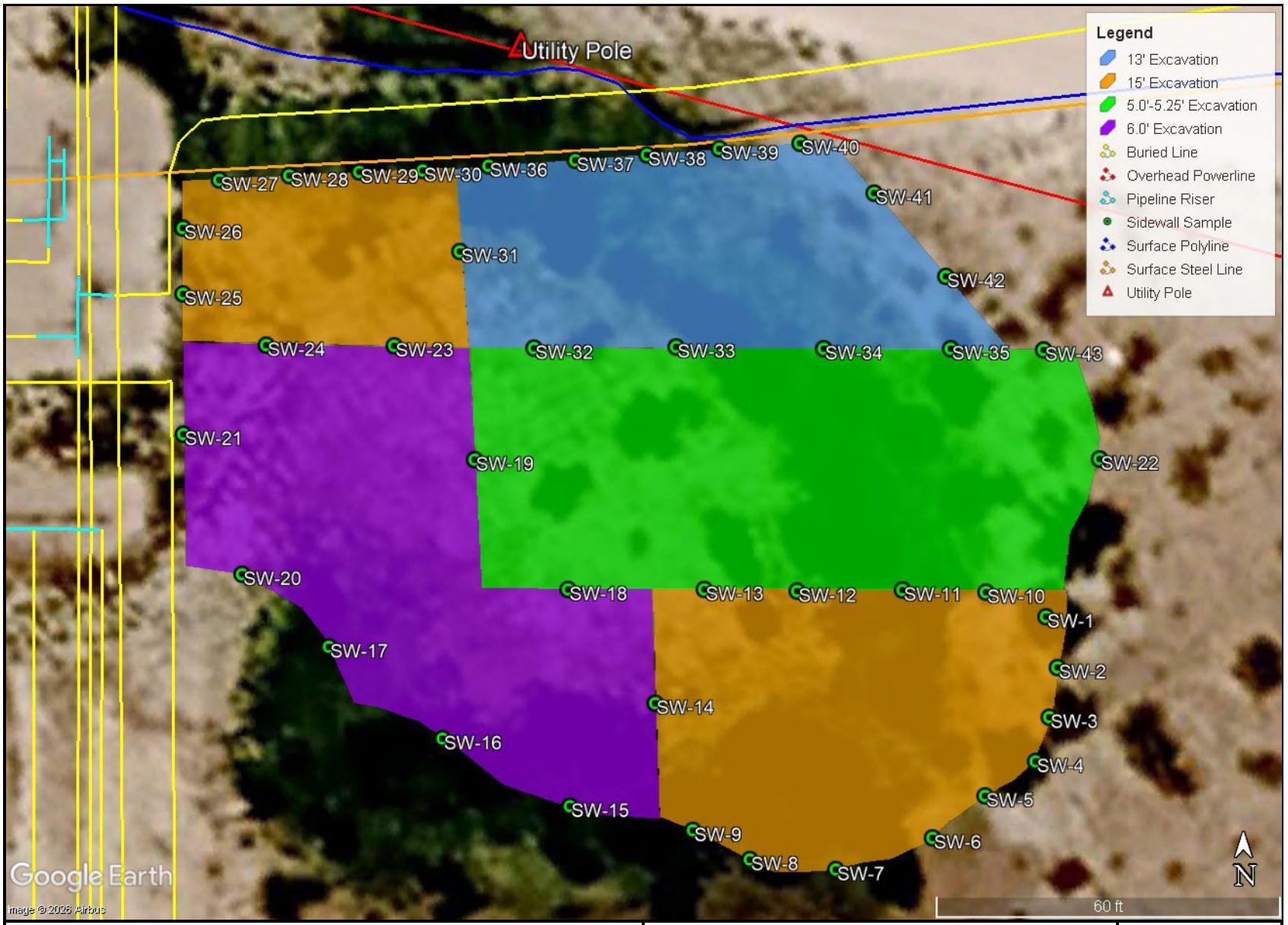

| | | |
|---|---|---|
| SAMPLE LOCATION MAP<br>DELEK LOGISTICS COMPANY<br>RISER 121 (06.29.2025)<br>LEA COUNTY, NEW MEXICO<br>32.444100001°, -103.46256° | CARMONA RESOURCES | FIGURE 3 |



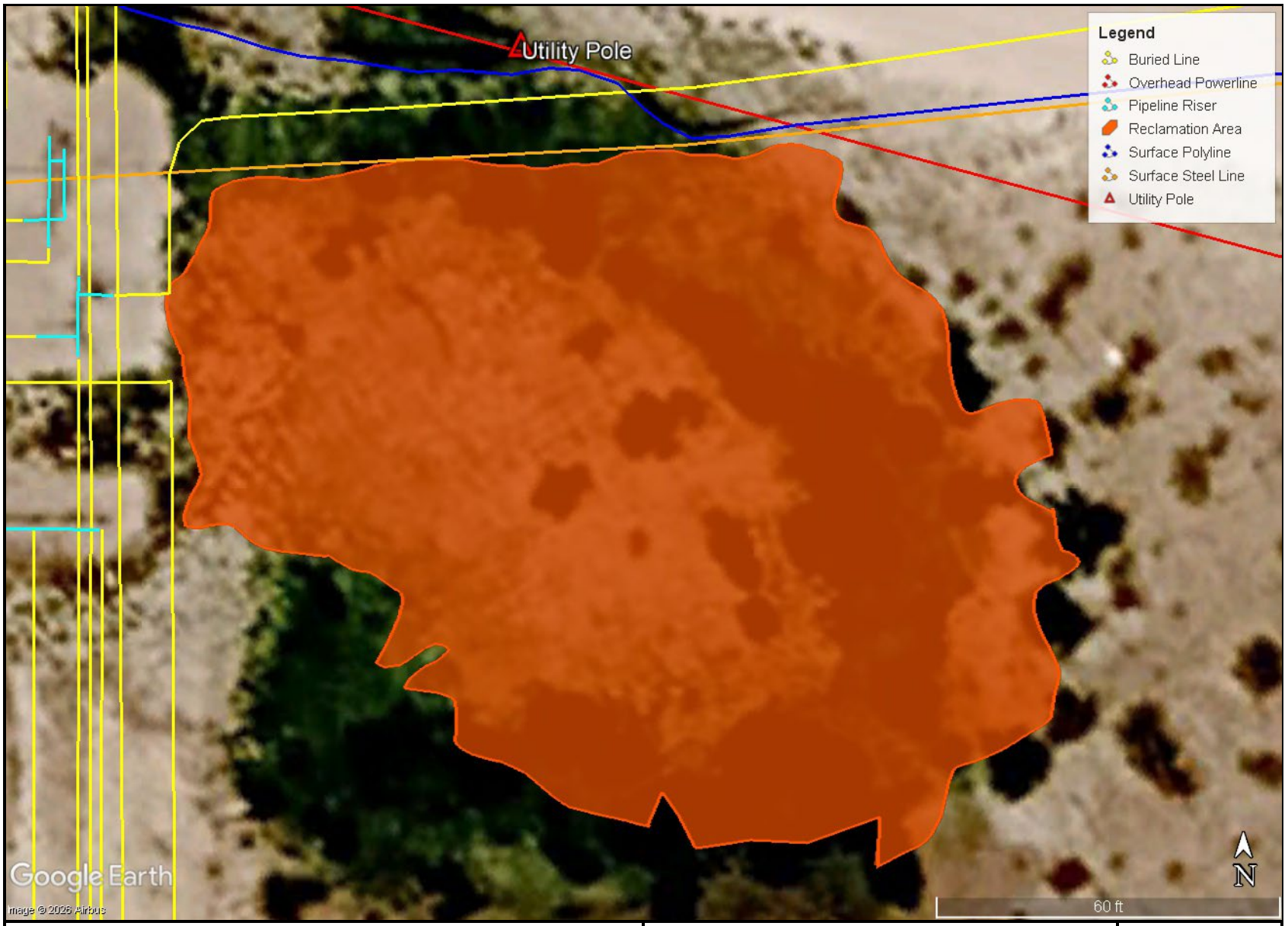

| | | |
|---|---|---|
| EXCAVATION DEPTH MAP<br>DELEK LOGISTICS COMPANY<br>RISER 121 (06.29.2025)<br>LEA COUNTY, NEW MEXICO<br>32.444100001°, -103.46256° | CARMONA RESOURCES | FIGURE 4A |




| | | |
|---|---|---|
| EXCAVATION DEPTH MAP<br>DELEK LOGISTICS COMPANY<br>RISER 121 (06.29.2025)<br>LEA COUNTY, NEW MEXICO<br>32.444100001°, -103.46256° | CARMONA RESOURCES | FIGURE 4B |




| | | |
|---|---|---|
| EXCAVATION DEPTH MAP<br>DELEK LOGISTICS COMPANY<br>RISER 121 (06.29.2025)<br>LEA COUNTY, NEW MEXICO<br>32.444100001°, -103.46256° | CARMONA RESOURCES | FIGURE 4C |




| | | |
|---|---|---|
| RECLAMATION AREA MAP<br>DELEK LOGISTICS COMPANY<br>RISER 121 (06.29.2025)<br>LEA COUNTY, NEW MEXICO<br>32.444100001°, -103.46256° | CARMONA RESOURCES | FIGURE 5 |

# APPENDIX A

CARMONA RESOURCES

**Table 1**
**Delek Logistics**
**Riser Project (06.29.2025)**
**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 | | | | | | |
| T-1 | 10/16/2025 | 0-1' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | **2,290** |
| | " | 2' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **3,820** |
| | " | 3' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **2,690** |
| | " | 4' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | **4,140** |
| | " | 5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | **4,330** |
| | " | 6' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **3,560** |
| BH-1 | 11/24/2025 | 0-1' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **1,160** |
| | " | 2' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | **2,030** |
| | " | 3' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | **1,850** |
| | " | 4' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | **1,200** |
| | " | 5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **2,740** |
| | " | 6' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | **2,850** |
| | " | 7' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | **2,540** |
| | " | 8' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | **2,340** |
| | " | 9' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **2,930** |
| | " | 10' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | **2,310** |
| | " | 11' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | **1,260** |
| | " | 12' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 510 |
| | " | 13' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 336 |
| | " | 14' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **675** |
| | " | 15' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 61.6 |
| T-2 | 10/16/2025 | 0-1' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | **3,310** |
| | " | 2' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | **7,570** |
| | " | 3' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **8,510** |
| | " | 4' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | **8,390** |
| | " | 5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | **11,100** |
| | " | 6' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | **10,300** |
| | " | 7' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **6,880** |
| | " | 8' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | **7,420** |
| | " | 9' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | **7,550** |
| | " | 10' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | **6,440** |
| | " | 11' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **3,580** |
| | " | 12' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | **4,940** |
| BH-2 | 11/24/2025 | 0-1' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | **3,360** |
| | " | 2' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | **6,260** |
| | " | 3' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **5,760** |
| | " | 4' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | **4,010** |
| | " | 5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | **3,510** |
| | " | 6' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00397 | <0.00397 | **2,370** |
| | " | 7' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **1,640** |
| | " | 8' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | **1,510** |
| | " | 9' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | **1,660** |
| | " | 10' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | **1,700** |
| | " | 11' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **1,110** |
| | " | 12' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | **941** |
| | " | 13' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 575 |
| | " | 14' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 266 |
| | " | 15' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 380 |
| | " | 20' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 281 |
| *Regulatory Criteria*[A] | | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(T) Test Trench
(BH) Borehole Sample
Removed

**Table 1**
**Delek Logistics**
**Riser Project (06.29.2025)**
**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 | | | | | | |
| T-3 | 10/16/2025 | 0-1' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | **3,400** |
| | " | 2' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **3,860** |
| | " | 3' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | **6,170** |
| | " | 4' | <49.7 | <49.7 | <49.7 | <49.7 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **5,350** |
| | " | 5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **5,220** |
| | " | 6' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 182 |
| T-4 | 10/16/2025 | 0-1' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | **4,320** |
| | " | 2' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **6,980** |
| | " | 3' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | **6,490** |
| | " | 4' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | **2,240** |
| | " | 5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 513 |
| | " | 6' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | 192 |
| T-5 | 10/16/2025 | 0-1' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 447 |
| | " | 2' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 582 |
| | " | 3' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **2,160** |
| | " | 4' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | **3,350** |
| | " | 5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | **7,800** |
| | " | 6' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | **10,200** |
| | " | 7' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **10,500** |
| | " | 8' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | **8,970** |
| | " | 9' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | **10,100** |
| | " | 10' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **10,300** |
| | " | 11' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | **9,520** |
| | " | 12' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **7,890** |
| BH-5 | 11/24/2025 | 0-1' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 296 |
| | " | 2' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 231 |
| | " | 3' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 227 |
| | " | 4' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 145 |
| | " | 5' | <49.6 | <49.6 | <49.6 | <49.6 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 167 |
| | " | 6' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 186 |
| | " | 7' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 166 |
| | " | 8' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 193 |
| | " | 9' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 353 |
| | " | 10' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **867** |
| | " | 11' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | **1,120** |
| | " | 12' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | **1,170** |
| | " | 13' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | **793** |
| | " | 14' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **679** |
| | " | 15' | <50.2 | <50.2 | <50.2 | <50.2 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 478 |
| | " | 20' | <49.9 | <49.9 | <49.9 | <49.9 | 0.00238 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 43.6 |
| *Regulatory Criteria*[A] | | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(T) Test Trench
(BH) Borehole Sample
Removed

**Table 1**
**Delek Logistics**
**Riser Project (06.29.2025)**
**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 | | | | | | |
| T-6 | 10/16/2025 | 0-1' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **4,170** |
| | " | 2' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | **6,030** |
| | " | 3' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | **4,800** |
| | " | 4' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | **3,730** |
| | " | 5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | **1,240** |
| | " | 6' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 186 |
| *Regulatory Criteria*[A] | | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(T) Test Trench
Removed

**Table 1**
**Delek Logistics**
**Riser Project (06.29.2025)**
**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** | 7/7/2025 | 0-0.5 | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 104 |
| **H-2** | 7/7/2025 | 0-0.5 | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 79.5 |
| **H-3** | 7/7/2025 | 0-0.5 | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 87.0 |
| **H-4** | 7/7/2025 | 0-0.5 | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 86.4 |
| **H-5** | 7/7/2025 | 0-0.5 | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 60.3 |
| **H-6** | 7/7/2025 | 0-0.5 | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 202 |
| **H-7** | 7/7/2025 | 0-0.5 | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 78.3 |
| ***Regulatory Criteria*** [A] | | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(H) Horizontal Sample

**Table 2**
**Delek Logistics**
**Riser Project (06.29.2025)**
**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** | 2/20/2026 | 15.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 70.1 |
| **CS-2** | 2/20/2026 | 15.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 73.8 |
| **CS-3** | 2/20/2026 | 15.0' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 93.4 |
| **CS-4** | 2/20/2026 | 15.0' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 431 |
| **CS-5** | 2/20/2026 | 15.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 208 |
| **CS-6** | 2/20/2026 | 15.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 142 |
| **CS-7** | 2/20/2026 | 15.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 384 |
| **CS-8** | 2/20/2026 | 15.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 249 |
| **CS-9** | 2/20/2026 | 15.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 158 |
| **CS-10** | 2/20/2026 | 15.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 177 |
| **CS-11** | 2/20/2026 | 15.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 124 |
| **CS-12** | 2/20/2026 | 15.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 236 |
| **CS-13** | 2/20/2026 | 15.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 296 |
| **CS-14** | 2/20/2026 | 15.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 413 |
| **CS-15** | 2/20/2026 | 15.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 102 |
| **CS-16** | 2/20/2026 | 15.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 136 |
| **CS-17** | 2/20/2026 | 15.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 139 |
| **CS-18** | 2/20/2026 | 6.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 159 |
| **CS-19** | 2/20/2026 | 6.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 582 |
| **CS-20** | 2/20/2026 | 6.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 84.4 |
| **CS-21** | 2/20/2026 | 6.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 56.2 |
| **CS-22** | 2/20/2026 | 6.0' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 169 |
| **CS-23** | 2/20/2026 | 6.0' | <50.5 | <50.5 | <50.5 | <50.5 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 71.1 |
| **CS-24** | 2/20/2026 | 6.0' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 266 |
| **CS-25** | 2/20/2026 | 6.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 99.6 |
| **CS-26** | 2/20/2026 | 6.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 262 |
| **CS-27** | 2/20/2026 | 6.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 426 |
| **CS-28** | 2/20/2026 | 6.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 250 |
| **CS-29** | 2/20/2026 | 6.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 289 |
| **CS-30** | 2/20/2026 | 6.0' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 407 |
| **CS-31** | 2/20/2026 | 6.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 295 |
| **CS-32** | 2/20/2026 | 6.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 264 |
| **CS-33** | 2/20/2026 | 6.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 195 |
| **CS-34** | 2/20/2026 | 6.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 254 |
| **CS-35** | 2/23/2026 | 5.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 32.8 |
| **CS-36** | 2/23/2026 | 5.0' | <50.2 | <50.2 | <50.2 | <50.2 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 131 |
| ***Regulatory Criteria*** [A] | | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) Confirmation Sample

**Table 2**
**Delek Logistics**
**Riser Project (06.29.2025)**
**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-37** | 2/23/2026 | 5.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | **6,840** |
| | 2/25/2026 | 5.25' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 128 |
| **CS-38** | 2/23/2026 | 5.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 143 |
| **CS-39** | 2/23/2026 | 5.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | 154 |
| **CS-40** | 2/23/2026 | 5.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 260 |
| **CS-41** | 2/23/2026 | 5.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 101 |
| **CS-42** | 2/23/2026 | 5.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 182 |
| **CS-43** | 2/23/2026 | 5.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 408 |
| **CS-44** | 2/23/2026 | 5.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 97.7 |
| **CS-45** | 2/23/2026 | 5.0' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 140 |
| **CS-46** | 2/23/2026 | 5.0' | <50.2 | <50.2 | <50.2 | <50.2 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 466 |
| **CS-47** | 2/23/2026 | 5.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 537 |
| **CS-48** | 2/23/2026 | 5.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 157 |
| **CS-49** | 2/23/2026 | 5.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 128 |
| **CS-50** | 2/23/2026 | 5.0' | <50.4 | <50.4 | <50.4 | <50.4 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 70.3 |
| **CS-51** | 2/23/2026 | 5.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 184 |
| **CS-52** | 2/23/2026 | 5.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 104 |
| **CS-53** | 2/23/2026 | 5.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 174 |
| **CS-54** | 2/23/2026 | 15.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | 38.7 |
| **CS-55** | 2/23/2026 | 15.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 104 |
| **CS-56** | 2/23/2026 | 15.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | 37.0 |
| **CS-57** | 2/23/2026 | 15.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 107 |
| **CS-58** | 2/23/2026 | 15.0' | <50.5 | <50.5 | <50.5 | <50.5 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 52.6 |
| **CS-59** | 2/25/2026 | 13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| **CS-60** | 2/25/2026 | 13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| **CS-61** | 2/25/2026 | 13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| **CS-62** | 2/25/2026 | 13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 336 |
| **CS-63** | 2/25/2026 | 13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| **CS-64** | 2/25/2026 | 13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 320 |
| **CS-65** | 2/25/2026 | 13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 144 |
| **CS-66** | 2/25/2026 | 13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 128 |
| **CS-67** | 2/25/2026 | 13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| **CS-68** | 2/25/2026 | 13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| **CS-69** | 2/25/2026 | 13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| **CS-70** | 2/25/2026 | 13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| **CS-71** | 2/25/2026 | 13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| ***Regulatory Criteria*** [A] | | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) Confirmation Sample
Removed

**Table 2**
**Delek Logistics**
**Riser Project (06.29.2025)**
**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 | | | | | | |
| **SW-1** | 2/20/2026 | 15.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 206 |
| **SW-2** | 2/20/2026 | 15.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 115 |
| **SW-3** | 2/20/2026 | 15.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 271 |
| **SW-4** | 2/20/2026 | 15.0' | <50.2 | <50.2 | <50.2 | <50.2 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 63.8 |
| **SW-5** | 2/20/2026 | 15.0' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 145 |
| **SW-6** | 2/20/2026 | 15.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 186 |
| **SW-7** | 2/20/2026 | 15.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 62.0 |
| **SW-8** | 2/20/2026 | 15.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 82.5 |
| **SW-9** | 2/20/2026 | 15.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 146 |
| **SW-10** | 2/20/2026 | 5.0'-15.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 538 |
| **SW-11** | 2/20/2026 | 5.0'-15.0' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 227 |
| **SW-12** | 2/20/2026 | 5.0'-15.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 94.5 |
| **SW-13** | 2/20/2026 | 5.0'-15.0' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 83.9 |
| **SW-14** | 2/20/2026 | 6.0'-15.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 283 |
| **SW-15** | 2/20/2026 | 6.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 329 |
| **SW-16** | 2/20/2026 | 6.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 131 |
| **SW-17** | 2/20/2026 | 6.0' | <50.2 | <50.2 | <50.2 | <50.2 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 113 |
| **SW-18** | 2/20/2026 | 5.0'-6.0' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 89.7 |
| **SW-19** | 2/20/2026 | 5.0'-6.0' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 106 |
| **SW-20** | 2/20/2026 | 6.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 239 |
| **SW-21** | 2/20/2026 | 6.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 89.3 |
| **SW-22** | 2/23/2026 | 5.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 28.7 |
| **SW-23** | 2/23/2026 | 6.0'-15.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 36.2 |
| **SW-24** | 2/23/2026 | 6.0'-15.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 98.3 |
| **SW-25** | 2/23/2026 | 15.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 109 |
| **SW-26** | 2/23/2026 | 15.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 37.7 |
| *Regulatory Criteria* [A] | | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(SW) Sidewall Sample

**Table 2**
**Delek Logistics**
**Riser Project (06.29.2025)**
**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 | | | | | | |
| **SW-27** | 2/23/2026 | 15.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 39.7 |
| **SW-28** | 2/23/2026 | 15.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 97.3 |
| **SW-29** | 2/23/2026 | 15.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 109 |
| **SW-30** | 2/23/2026 | 15.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 104 |
| **SW-31** | 2/25/2026 | 13.0'-15.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| **SW-32** | 2/25/2026 | 5.0'-13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| **SW-33** | 2/25/2026 | 5.0'-13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| **SW-34** | 2/25/2026 | 5.0'-13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 144 |
| **SW-35** | 2/25/2026 | 5.0'-13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| **SW-36** | 2/25/2026 | 13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| **SW-37** | 2/25/2026 | 13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| **SW-38** | 2/25/2026 | 13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| **SW-39** | 2/25/2026 | 13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| **SW-40** | 2/25/2026 | 13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| **SW-41** | 2/25/2026 | 13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| **SW-42** | 2/25/2026 | 13.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 176 |
| **SW-43** | 2/25/2026 | 5.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| **Backfill Sample** | 2/25/2026 | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| ***Regulatory Criteria*** [A] | | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(SW) Sidewall Sample

# APPENDIX B

CARMONA RESOURCES

# PHOTOGRAPHIC LOG

**Delek Logistics Company**

**Photograph No. 1**

**Facility:** Riser 121 (06.29.2025)

**County:** Lea County, New Mexico

**Description:**
View West, Area of CS-1 through CS-17.

**Photograph No. 2**

**Facility:** Riser 121 (06.29.2025)

**County:** Lea County, New Mexico

**Description:**
View Northeast, Area of CS-18 through CS-34.

**Photograph No. 3**

**Facility:** Riser 121 (06.29.2025)

**County:** Lea County, New Mexico

**Description:**
View West, Area of CS-35 through CS-53.

CARMONA RESOURCES

# PHOTOGRAPHIC LOG

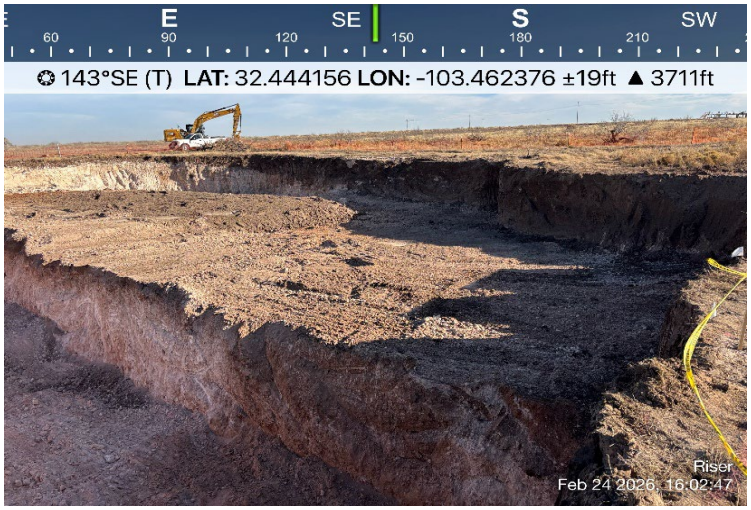
**Delek Logistics Company**

**Photograph No. 4**

**Facility:** Riser 121 (06.29.2025)

**County:** Lea County, New Mexico

**Description:**
View Southeast, Area of CS-18 through CS-53.

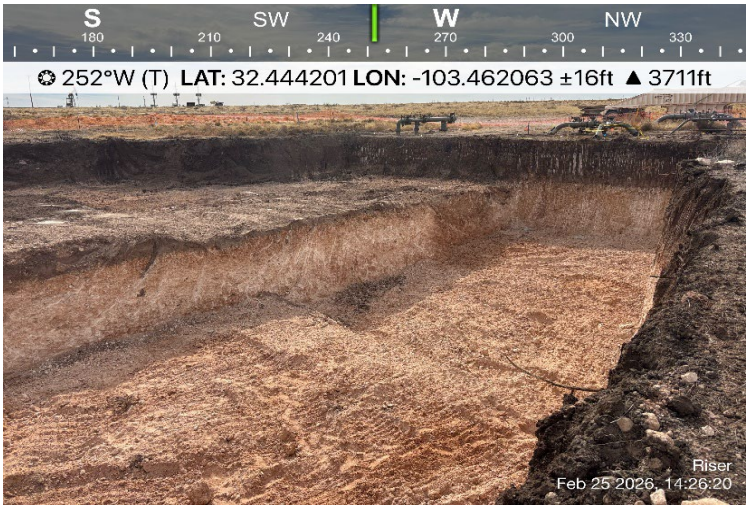



**Photograph No. 5**

**Facility:** Riser 121 (06.29.2025)

**County:** Lea County, New Mexico

**Description:**
View West, Area of CS-54 through CS-59, CS-67, and CS-68.

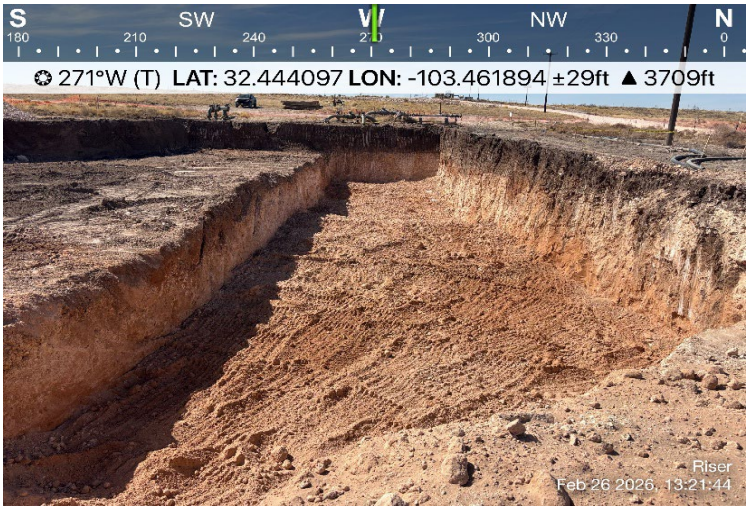



**Photograph No. 6**

**Facility:** Riser 121 (06.29.2025)

**County:** Lea County, New Mexico

**Description:**
View West, Area of CS-54 through CS-71.




CARMONA RESOURCES

# PHOTOGRAPHIC LOG

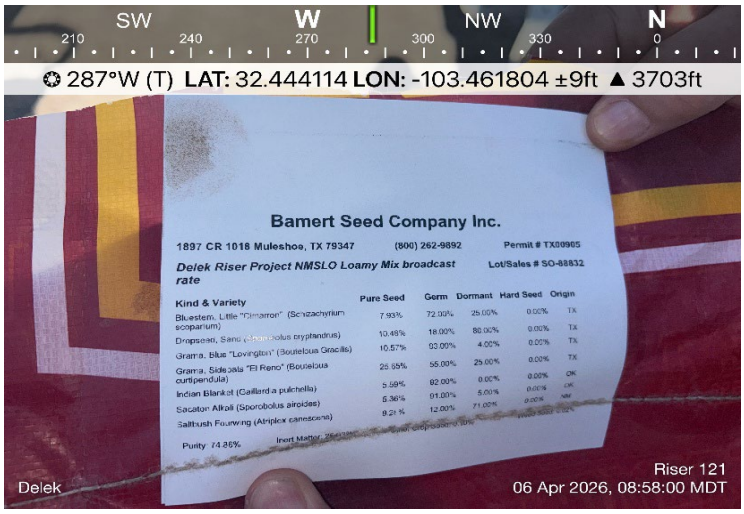
**Delek Logistics Company**

**Photograph No. 7**

**Facility:** Riser 121 (06.29.2025)

**County:** Lea County, New Mexico

**Description:**
View West of seed tag.




**Photograph No. 8**

**Facility:** Riser 121 (06.29.2025)

**County:** Lea County, New Mexico

**Description:**
View Southeast of reseeded reclamation area.

**Photograph No. 9**

**Facility:** Riser 121 (06.29.2025)

**County:** Lea County, New Mexico

**Description:**
View South of reseeded reclamation area.

CARMONA RESOURCES

# PHOTOGRAPHIC LOG

**Delek Logistics Company**

**Photograph No. 10**

**Facility:** Riser 121 (06.29.2025)

**County:** Lea County, New Mexico

**Description:**
View South of reseeded reclamation area.

**Photograph No. 11**

**Facility:** Riser 121 (06.29.2025)

**County:** Lea County, New Mexico

**Description:**
View East of reseeded reclamation area.

**Photograph No. 12**

**Facility:** Riser 121 (06.29.2025)

**County:** Lea County, New Mexico

**Description:**
View Northeast of reseeded reclamation area.

CARMONA RESOURCES

# PHOTOGRAPHIC LOG

**Delek Logistics Company**

**Photograph No. 13**

**Facility:** Riser 121 (06.29.2025)

**County:** Lea County, New Mexico

**Description:**
View Northeast of reseeding activities.

**Photograph No. 14**

**Facility:** Riser 121 (06.29.2025)

**County:** Lea County, New Mexico

**Description:**
View North of reseeding activties.

CARMONA RESOURCES

# 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 480000

## QUESTIONS

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>480000 |
| | Action Type:<br>[NOTIFY] Notification Of Release (NOR) |

**QUESTIONS**

| **Location of Release Source**<br>*Please answer all the questions in this group.* | |
|---|---|
| Site Name | Riser 121 |
| Date Release Discovered | 06/29/2025 |
| Surface Owner | State |

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

| **Nature and Volume of Release**<br>*Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.* | |
|---|---|
| Crude Oil Released (bbls) Details | *Not answered.* |
| Produced Water Released (bbls) Details | Cause: Equipment Failure \| Other (Specify) \| Produced Water \| Released: 25 BBL \| Recovered: 25 BBL \| Lost: 0 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | Yes |
| Condensate Released (bbls) Details | *Not answered.* |
| Natural Gas Vented (Mcf) Details | *Not answered.* |
| Natural Gas Flared (Mcf) Details | *Not answered.* |
| Other Released Details | *Not answered.* |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | *Not answered.* |

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



## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>480000 |
| | Action Type:<br>[NOTIFY] Notification Of Release (NOR) |

**QUESTIONS**

| **Nature and Volume of Release (continued)** | |
|---|---|
| Is this a gas only submission (i.e. only significant Mcf values reported) | **No, according to supplied volumes this does not appear to be a "gas only" report.** |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | **Yes** |
| Reasons why this would be considered a submission for a notification of a major release | **From paragraph A. "Major release" determine using:**<br>**(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.** |
| *With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.* | |

| **Initial Response** | |
|---|---|
| *The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.* | |
| The source of the release has been stopped | True |
| The impacted area has been secured to protect human health and the environment | True |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True |
| All free liquids and recoverable materials have been removed and managed appropriately | True |
| If all the actions described above have not been undertaken, explain why | Soil will be excavated in the next couple of weeks |
| *Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.* | |

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



## ACKNOWLEDGMENTS

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>480000 |
| | Action Type:<br>[NOTIFY] Notification Of Release (NOR) |

**ACKNOWLEDGMENTS**

| | |
|---|---|
| ☑ | I acknowledge that I am authorized to submit notification of a release on behalf of my operator. |
| ☑ | 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. |
| ☑ | 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. |
| ☑ | 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. |
| ☑ | 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. |
| ☑ | 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

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>480000 |
| | Action Type:<br>[NOTIFY] Notification Of Release (NOR) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| cassiewhitefield | When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141. | 6/29/2025 |

Received by OCD: 4/9/2026 10:32:47 AM


# Site Map

DKL Energy - Cottonwood, LLC

Released to Imaging: 4/30/2026 3:42:59 PM

2:59 LTE

Home

# Saturated Soil Calculation

Riser 121 - Delek

| L(Ft) | W(Ft) | D(In) | Oil % |
|---|---|---|---|
| 160 | 100 | .752 | (%) |

Soil Definitions

0.08 | 0.14 | 0.16 | 0.25 | 0.15

$H_2O$ Spill Total: 25.00 Bbls

Oil Spill Total: 0.00 Bbls

Add Section to Spill

Current Spill: Riser 121 - Delek

View or Edit Notes

**Section:**
Length: 100 ft, Width: 160 ft, Depth: .752 in, Oil %: 0
$H_2O$: 25.00 bbls, Oil: 0.00 bbls, Total: 25.00 bbls

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# State of New Mexico
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# 1220 S. St Francis Dr.
# Santa Fe, NM 87505



## QUESTIONS

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>489083 |
| | Action Type:<br>[C-141] Initial C-141 (C-141-v-Initial) |

**QUESTIONS**

| **Prerequisites** | |
|---|---|
| Incident ID (n#) | **nAPP2518066673** |
| Incident Name | **NAPP2518066673 RISER 121 @ 0** |
| Incident Type | **Produced Water Release** |
| Incident Status | **Initial C-141 Received** |

| **Location of Release Source**<br>*Please answer all the questions in this group.* | |
|---|---|
| Site Name | Riser 121 |
| Date Release Discovered | 06/29/2025 |
| Surface Owner | State |

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

| **Nature and Volume of Release**<br>*Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.* | |
|---|---|
| Crude Oil Released (bbls) Details | *Not answered.* |
| Produced Water Released (bbls) Details | Cause: Equipment Failure \| Other (Specify) \| Produced Water \| Released: 25 BBL \| Recovered: 25 BBL \| Lost: 0 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | Yes |
| Condensate Released (bbls) Details | *Not answered.* |
| Natural Gas Vented (Mcf) Details | *Not answered.* |
| Natural Gas Flared (Mcf) Details | *Not answered.* |
| Other Released Details | *Not answered.* |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | *Not answered.* |

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# State of New Mexico
# Energy, Minerals and Natural Resources
# Oil Conservation Division
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# Santa Fe, NM 87505



## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>489083 |
| | Action Type:<br>[C-141] Initial C-141 (C-141-v-Initial) |

**QUESTIONS**

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

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

| **Initial Response** | |
|---|---|
| *The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.* | |
| The source of the release has been stopped | True |
| The impacted area has been secured to protect human health and the environment | True |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True |
| All free liquids and recoverable materials have been removed and managed appropriately | True |
| If all the actions described above have not been undertaken, explain why | Soil will be excavated in the next couple of weeks |

*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: Cassie Whitefield<br>Email: cassie.whitefield@deleklogistics.com<br>Date: 07/28/2025 |

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



## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>489083 |
| | Action Type:<br>[C-141] Initial C-141 (C-141-v-Initial) |

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

| **Remediation Plan** | |
|---|---|
| *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 | No |
| *The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.* | |

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

CONDITIONS

Action 489083

## CONDITIONS

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>489083 |
| | Action Type:<br>[C-141] Initial C-141 (C-141-v-Initial) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| scwells | None | 7/29/2025 |

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

QUESTIONS

Action 555112

## QUESTIONS

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>555112 |
| | Action Type:<br>[NOTIFY] Notification Of Sampling (C-141N) |

**QUESTIONS**

| **Prerequisites** | |
|---|---|
| Incident ID (n#) | **nAPP2518066673** |
| Incident Name | **NAPP2518066673 RISER 121 @ 0** |
| Incident Type | **Produced Water Release** |
| Incident Status | **Initial C-141 Approved** |

| **Location of Release Source** | |
|---|---|
| Site Name | **Riser 121** |
| Date Release Discovered | **06/29/2025** |
| Surface Owner | **State** |

| **Sampling Event General Information**<br>*Please answer all the questions in this group.* | |
|---|---|
| What is the sampling surface area in square feet | 19,000 |
| What is the estimated number of samples that will be gathered | 120 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 02/20/2026 |
| Time sampling will commence | 10:00 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 | 32.444024, -103.462049 |

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Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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



## CONDITIONS

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>555112 |
| | Action Type:<br>[NOTIFY] Notification Of Sampling (C-141N) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| cassiewhitefield | 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. | 2/18/2026 |
| cassiewhitefield | 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. | 2/18/2026 |

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

QUESTIONS

Action 555116

## QUESTIONS

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>555116 |
| | Action Type:<br>[NOTIFY] Notification Of Sampling (C-141N) |

**QUESTIONS**

| **Prerequisites** | |
|---|---|
| Incident ID (n#) | **nAPP2518066673** |
| Incident Name | **NAPP2518066673 RISER 121 @ 0** |
| Incident Type | **Produced Water Release** |
| Incident Status | **Initial C-141 Approved** |

| **Location of Release Source** | |
|---|---|
| Site Name | **Riser 121** |
| Date Release Discovered | **06/29/2025** |
| Surface Owner | **State** |

| **Sampling Event General Information**<br>*Please answer all the questions in this group.* | |
|---|---|
| What is the sampling surface area in square feet | 19,000 |
| What is the estimated number of samples that will be gathered | 120 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 02/23/2026 |
| 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 | 32.444024, -103.462049 |

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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

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>555116 |
| | Action Type:<br>[NOTIFY] Notification Of Sampling (C-141N) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| cassiewhitefield | 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. | 2/18/2026 |
| cassiewhitefield | 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. | 2/18/2026 |

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

QUESTIONS

Action 555123

## QUESTIONS

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>555123 |
| | Action Type:<br>[NOTIFY] Notification Of Sampling (C-141N) |

**QUESTIONS**

| **Prerequisites** | |
|---|---|
| Incident ID (n#) | **nAPP2518066673** |
| Incident Name | **NAPP2518066673 RISER 121 @ 0** |
| Incident Type | **Produced Water Release** |
| Incident Status | **Initial C-141 Approved** |

| **Location of Release Source** | |
|---|---|
| Site Name | **Riser 121** |
| Date Release Discovered | **06/29/2025** |
| Surface Owner | **State** |

| **Sampling Event General Information**<br>*Please answer all the questions in this group.* | |
|---|---|
| What is the sampling surface area in square feet | 19,000 |
| What is the estimated number of samples that will be gathered | 120 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 02/25/2026 |
| 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 | 32.444024, -103.462049 |

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# State of New Mexico
# Energy, Minerals and Natural Resources
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## CONDITIONS

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>555123 |
| | Action Type:<br>[NOTIFY] Notification Of Sampling (C-141N) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| cassiewhitefield | 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. | 2/18/2026 |
| cassiewhitefield | 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. | 2/18/2026 |

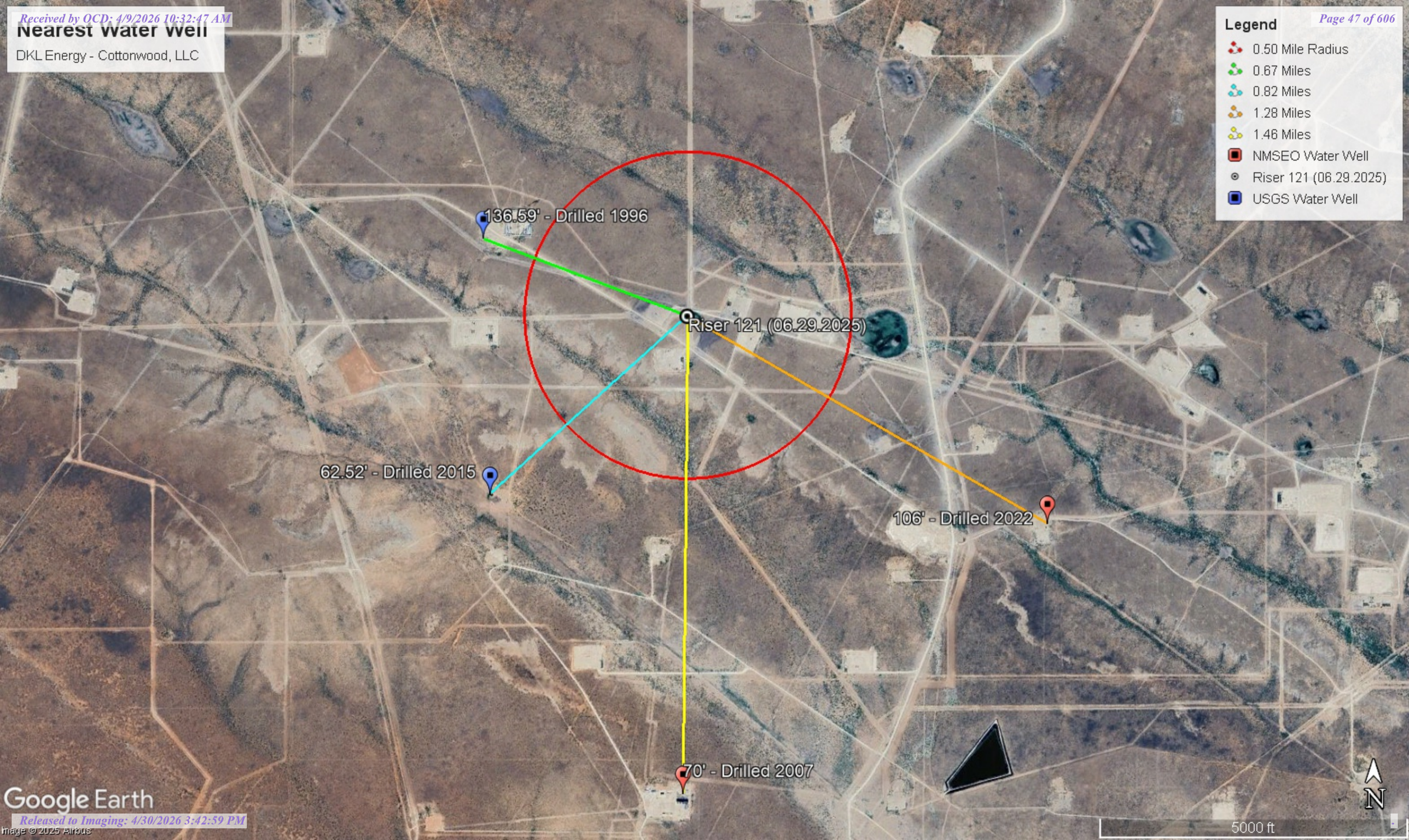
# APPENDIX D

CARMONA RESOURCES

Received by OCD: 4/9/2026 10:32:47 AM


# Nearest Water Well

DKL Energy - Cottonwood, LLC




Released to Imaging: 4/30/2026 3:42:59 PM

Received by OCD: 4/9/2026 10:32:47 AM



# Low Karst

DKL Energy - Cottonwood, LLC

Legend

- Low
- Riser 121 (06.29.2025)

Riser 121 (06.29.2025)

Google Earth

Released to Imaging: 4/30/2026 3:42:59 PM

Image © 2025 Airbus

N

5000 ft

*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 01069 POD1 | | CP | LE | NE | NW | SE | 28 | 21S | 34E | 643737.0 | 3591191.0 | | 924 | 210 | 140 | 70 |
| CP 01068 POD1 | | CP | LE | SE | NW | SE | 28 | 21S | 34E | 643609.0 | 3591005.0 | | 962 | 180 | 140 | 40 |
| CP 01066 POD1 | | CP | LE | SE | SW | NE | 28 | 21S | 34E | 643735.0 | 3591345.0 | | 1016 | 210 | 140 | 70 |
| CP 00571 POD1 | | CP | LE | SW | NW | SE | 28 | 21S | 34E | 643499.0 | 3591063.0 | | 1085 | 170 | 135 | 35 |
| CP 00588 POD1 | | CP | LE | | SW | NE | 33 | 21S | 34E | 643583.0 | 3589918.0 * | | 1224 | 89 | | |
| CP 00589 POD1 | | CP | LE | | SW | NE | 33 | 21S | 34E | 643583.0 | 3589918.0 * | | 1224 | 84 | | |
| CP 01067 POD1 | | CP | LE | NW | SW | SE | 28 | 21S | 34E | 643446.8 | 3591434.2 | | 1300 | 210 | 140 | 70 |
| CP 01091 POD1 | | CP | LE | SW | SW | NE | 28 | 21S | 34E | 643446.0 | 3591434.0 | | 1301 | 200 | 140 | 60 |
| CP 01912 | | CP | LE | NW | NE | SW | 35 | 21S | 34E | 646311.8 | 3589704.1 | | 2049 | 106 | | |
| CP 00944 POD1 | | CP | LE | | SW | NW | 03 | 22S | 34E | 644530.7 | 3588351.0 | | 2351 | 109 | 70 | 39 |
| CP 00583 | | CP | LE | | | SW | 21 | 21S | 34E | 642944.0 | 3592518.0 * | | 2405 | 171 | 128 | 43 |
| CP 00092 POD1 | | CP | LE | NW | SW | NW | 25 | 21S | 34E | 647479.0 | 3591694.0 * | | 3118 | 196 | | |
| CP 00744 | | CP | LE | | NW | NE | 09 | 22S | 34E | 643618.0 | 3587091.0 * | | 3723 | 460 | | |
| CP 01364 POD1 | | CP | LE | SE | NE | SW | 16 | 21S | 34E | 643146.9 | 3594331.5 | | 3880 | 165 | 105 | 60 |

Average Depth to Water: **126 feet**

Minimum Depth: **70 feet**

Maximum Depth: **140 feet**

**Record Count:** 14

**UTM Filters (in meters):**

**Easting:** 644522.53

**Northing:** 3590702.95

**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.

Received by OCD: 4/9/2026 10:32:47 AM


USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: New Mexico | GO

Click to hideNews Bulletins

- Explore the *NEW* USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

## Search Results -- 1 sites found

**Agency code =** usgs
**site_no list =**
- 322650103281801

**Minimum number of levels =** 1
Save file of selected sites to local disk for future upload

## USGS 322650103281801 21S.34E.28.413232

Lea County, New Mexico
Latitude 32°26'51", Longitude 103°28'24" NAD27
Land-surface elevation 3,728.00 feet above NGVD29
The depth of the well is 170 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

**Output formats**

| |
|---|
| Table of data |
| Tab-separated data |
| Graph of data |
| Reselect period |

| Date | Time | ? Water-level date-time accuracy | ? Parameter code | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? Status | ? Method of measurement | ? Measuring agency | ? Source measur |
|---|---|---|---|---|---|---|---|---|---|---|
| 1981-09-16 | | D | 62610 | | 3590.38 | NGVD29 | 1 | Z | | |
| 1981-09-16 | | D | 62611 | | 3591.99 | NAVD88 | 1 | Z | | |
| 1981-09-16 | | D | 72019 | 137.62 | | | 1 | Z | | |
| 1986-03-20 | | D | 62610 | | 3590.96 | NGVD29 | 1 | Z | | |
| 1986-03-20 | | D | 62611 | | 3592.57 | NAVD88 | 1 | Z | | |
| 1986-03-20 | | D | 72019 | 137.04 | | | 1 | Z | | |
| 1991-04-19 | | D | 62610 | | 3590.33 | NGVD29 | 1 | Z | | |
| 1991-04-19 | | D | 62611 | | 3591.94 | NAVD88 | 1 | Z | | |
| 1991-04-19 | | D | 72019 | 137.67 | | | 1 | Z | | |
| 1996-03-13 | | D | 62610 | | 3591.41 | NGVD29 | 1 | S | | |
| 1996-03-13 | | D | 62611 | | 3593.02 | NAVD88 | 1 | S | | |
| 1996-03-13 | | D | 72019 | 136.59 | | | 1 | S | | |

**Explanation**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| Section | Code | Description |
|---|---|---|
| Water-level date-time accuracy | D | Date is accurate to the Day |
| Parameter code | 62610 | Groundwater level above NGVD 1929, feet |
| Parameter code | 62611 | Groundwater level above NAVD 1988, feet |
| Parameter code | 72019 | Depth to water level, feet below land surface |
| Referenced vertical datum | NAVD88 | North American Vertical Datum of 1988 |
| Referenced vertical datum | NGVD29 | National Geodetic Vertical Datum of 1929 |
| Status | 1 | Static |
| Method of measurement | S | Steel-tape measurement. |
| Method of measurement | Z | Other. |
| Measuring agency | | Not determined |
| Source of measurement | | Not determined |
| Water-level approval status | A | Approved for publication -- Processing and review completed. |

Questions or Comments
Help
Data Tips
Explanation of terms
Subscribe for system changes

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U.S. Department of the Interior | U.S. Geological Survey
**Title: Groundwater for New Mexico: Water Levels**
**URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?**

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2025-07-08 16:24:08 EDT
0.39 0.31 nadww02


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USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: New Mexico | GO

Click to hideNews Bulletins

- Explore the *NEW* USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

## Search Results -- 1 sites found

**Agency code =** usgs
**site_no list =**
- 322556103282401

**Minimum number of levels =** 1
Save file of selected sites to local disk for future upload

## USGS 322556103282401 21S.34E.33.233442

Lea County, New Mexico
Latitude 32°26'10.1", Longitude 103°28'22.7" NAD83
Land-surface elevation 3,642 feet above NAVD88
The depth of the well is 92 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

**Output formats**

| |
|---|
| Table of data |
| Tab-separated data |
| Graph of data |
| Reselect period |

| Date | Time | ? Water-level date-time accuracy | ? Parameter code | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? Status | ? Method of measurement | ? Measuring agency | ? Source measur |
|---|---|---|---|---|---|---|---|---|---|---|
| 1968-03-28 | | D | 62610 | | 3576.34 | NGVD29 | P | Z | | |
| 1968-03-28 | | D | 62611 | | 3577.95 | NAVD88 | P | Z | | |
| 1968-03-28 | | D | 72019 | 64.05 | | | P | Z | | |
| 1971-02-04 | | D | 62610 | | 3575.94 | NGVD29 | P | Z | | |
| 1971-02-04 | | D | 62611 | | 3577.55 | NAVD88 | P | Z | | |
| 1971-02-04 | | D | 72019 | 64.45 | | | P | Z | | |
| 1976-12-15 | | D | 62610 | | 3577.29 | NGVD29 | 1 | Z | | |
| 1976-12-15 | | D | 62611 | | 3578.90 | NAVD88 | 1 | Z | | |
| 1976-12-15 | | D | 72019 | 63.10 | | | 1 | Z | | |
| 1981-03-05 | | D | 62610 | | 3577.33 | NGVD29 | 1 | Z | | |
| 1981-03-05 | | D | 62611 | | 3578.94 | NAVD88 | 1 | Z | | |
| 1981-03-05 | | D | 72019 | 63.06 | | | 1 | Z | | |
| 1986-03-20 | | D | 62610 | | 3577.72 | NGVD29 | 1 | Z | | |
| 1986-03-20 | | D | 62611 | | 3579.33 | NAVD88 | 1 | Z | | |
| 1986-03-20 | | D | 72019 | 62.67 | | | 1 | Z | | |


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| Date | Time | ? Water-level date-time accuracy | ? Parameter code | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? Status | ? Method of measurement | ? Measuring agency | ? Source measur |
|---|---|---|---|---|---|---|---|---|---|---|
| 1991-05-03 | | D | 62610 | | 3577.77 | NGVD29 | 1 | Z | | |
| 1991-05-03 | | D | 62611 | | 3579.38 | NAVD88 | 1 | Z | | |
| 1991-05-03 | | D | 72019 | 62.62 | | | 1 | Z | | |
| 1996-02-16 | | D | 62610 | | 3577.82 | NGVD29 | 1 | S | | |
| 1996-02-16 | | D | 62611 | | 3579.43 | NAVD88 | 1 | S | | |
| 1996-02-16 | | D | 72019 | 62.57 | | | 1 | S | | |
| 2015-12-18 | 17:30 UTC | m | 62610 | | 3577.87 | NGVD29 | 1 | S | USGS | |
| 2015-12-18 | 17:30 UTC | m | 62611 | | 3579.48 | NAVD88 | 1 | S | USGS | |
| 2015-12-18 | 17:30 UTC | m | 72019 | 62.52 | | | 1 | S | USGS | |

**Explanation**

| Section | Code | Description |
|---|---|---|
| Water-level date-time accuracy | D | Date is accurate to the Day |
| Water-level date-time accuracy | m | Date is accurate to the Minute |
| Parameter code | 62610 | Groundwater level above NGVD 1929, feet |
| Parameter code | 62611 | Groundwater level above NAVD 1988, feet |
| Parameter code | 72019 | Depth to water level, feet below land surface |
| Referenced vertical datum | NAVD88 | North American Vertical Datum of 1988 |
| Referenced vertical datum | NGVD29 | National Geodetic Vertical Datum of 1929 |
| Status | 1 | Static |
| Status | P | Pumping |
| Method of measurement | S | Steel-tape measurement. |
| Method of measurement | Z | Other. |
| Measuring agency | | Not determined |
| Measuring agency | USGS | U.S. Geological Survey |
| Source of measurement | | Not determined |
| Source of measurement | S | Measured by personnel of reporting agency. |
| Water-level approval status | A | Approved for publication -- Processing and review completed. |

Questions or Comments
Help
Data Tips
Explanation of terms
Subscribe for system changes

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U.S. Department of the Interior | U.S. Geological Survey
**Title: Groundwater for New Mexico: Water Levels**
**URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?**

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2025-07-08 16:27:11 EDT
0.42 0.34 nadww02

# WELL RECORD & LOG

## OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

### 1. GENERAL AND WELL LOCATION

| OSE POD NO. (WELL NO.) | WELL TAG ID NO. | OSE FILE NO(S). |
|---|---|---|
| POD-1 | n/a | CP-0912 |

| WELL OWNER NAME(S) | PHONE (OPTIONAL) |
|---|---|
| Marathon Oil | |

| WELL OWNER MAILING ADDRESS | CITY | STATE | ZIP |
|---|---|---|---|
| 4111 S. Tidwell Rd. | Carlsbad | NM | 88220 |

| WELL LOCATION (FROM GPS) | | DEGREES | MINUTES | SECONDS | |
|---|---|---|---|---|---|
| | LATITUDE | 32 | 26 | 5.49 | N |
| | LONGITUDE | 103 | 26 | 37.27 | W |

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

NW NE SW Sec. 35 T21S R34E, NMPM

### 2. DRILLING & CASING INFORMATION

| LICENSE NO. | NAME OF LICENSED DRILLER | NAME OF WELL DRILLING COMPANY |
|---|---|---|
| 1249 | Jackie D. Atkins | Atkins Engineering Associates, Inc. |

| DRILLING STARTED | DRILLING ENDED | DEPTH OF COMPLETED WELL (FT) | BORE HOLE DEPTH (FT) | DEPTH WATER FIRST ENCOUNTERED (FT) |
|---|---|---|---|---|
| 8/10/2022 | 8/11/2022 | Soil Boring | ±106 | n/a |

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): n/a

DATE STATIC MEASURED: 8/17/2022

DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☑ OTHER – SPECIFY: Hollow Stem Auger

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

| DEPTH (feet bgl) FROM | DEPTH (feet bgl) TO | 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) |
|---|---|---|---|---|---|---|---|
| 0 | 106 | 6.25" | Soil Boring | -- | -- | -- | -- |
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |

### 3. ANNULAR MATERIAL

| DEPTH (feet bgl) FROM | DEPTH (feet bgl) TO | BORE HOLE DIAM. (inches) | LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL | AMOUNT (cubic feet) | METHOD OF PLACEMENT |
|---|---|---|---|---|---|
| | | | | | |
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| | | | | | |
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FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

| FILE NO. CP-01912 | POD NO. 1 | TRN NO. 731134 | |
|---|---|---|---|
| LOCATION 21S.34E.35.1.2.3 | | WELL TAG ID NO. | PAGE 1 OF 2 |

OSE DIT AUG 24 2022 PM2:43

**4. HYDROGEOLOGIC LOG OF WELL**

| DEPTH (feet bgl) FROM | DEPTH (feet bgl) TO | THICKNESS (feet) | COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units) | WATER BEARING? (YES / NO) | ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm) |
|---|---|---|---|---|---|
| 0 | 14 | 14 | Sand, medium grained , poorly graded,with caliche Tan | Y ✓ N | |
| 14 | 49 | 35 | Sand, medium grained , poorly graded,unconsolidated, Brown | Y ✓ N | |
| 49 | 106 | 58 | Sand, medium grained , poorly graded,unconsolidated, Tan | Y ✓ N | |
| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |
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| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

**5. TEST; RIG SUPERVISION**

WELL TEST: TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface.

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Shane Eldridge, Cameron Pruitt

**6. SIGNATURE**

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Jack Atkins — Jackie D. Atkins — 8/19/2022

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 01/28/2022)

| FILE NO. CP-01912 | POD NO. 1 | TRN NO. 731134 | |
|---|---|---|---|
| LOCATION 21S.34E.35.1.2.3 | | WELL TAG ID NO. | PAGE 2 OF 2 |



OSE DIT AUG 24 2022 PM2:48

Mike A. Hamman, P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

# STATE OF NEW MEXICO
## OFFICE OF THE STATE ENGINEER

Trn Nbr: 731134
File Nbr: CP 01912
Well File Nbr: CP 01912

Aug. 24, 2022

MELODIE SANJARI
MARATHON OIL
4111 S TIDWELL RD.
CARLSBAD, NM 88220

Greetings:

The above numbered permit was issued in your name on 08/03/2022.

The Well Record was received in this office on 08/24/2022, stating that it had been completed on 08/11/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 08/03/2023.

If you have any questions, please feel free to contact us.

Sincerely,

Rodolfo Chavez
(575)622-6521

drywell

F

File Number: _____

# NEW MEXICO OFFICE OF THE STATE ENGINEER
# WELL RECORD

## 1. OWNER OF WELL

Name: Enstor Grama Ridge Storage & Transportation Work Phone: _____
Contact: _____ Home Phone: _____
Address: 20333 State Hwy. 249, Suite 400
City: Houston State: TX Zip: 77070

## 2. LOCATION OF WELL (A,B,C, or D required, E or F if known)

A. ____ 1/4 SW 1/4 NW 1/4 Section: 3 Township: 22S Range: 34E N.M.P.M.
in Lea County.

B. X = _____ feet, Y = _____ feet, N.M. Coordinate System
_____ Zone in the _____ Grant.
U.S.G.S. Quad Map _____

C. Latitude: 32 d 25 m 22.4 s Longitude: 103 d 27 m 46.2 s

D. East _____ (m), North _____ (m), UTM Zone 13, NAD _____ (27 or 83)

E. Tract No. _____, Map No. _____ of the _____ Hydrographic Survey

F. Lot No. _____, Block No. _____ of Unit/Tract _____ of the
_____ Subdivision recorded in _____ County.

G. Other: _____

H. Give State Engineer File Number if existing well: _____

I. On land owned by (required): State of New Mexico

## 3. DRILLING CONTRACTOR

License Number: WD-1456
Name: White Drilling Company, Inc. Work Phone: 325-893-2950
Agent: John W. White Home Phone: 325-893-2950
Mailing Address: P.O. Box 906
City: Clyde State: TX Zip: 79510

## 4. DRILLING RECORD: WW#1

Drilling began: 3/05/07 ; Completed: 3/05/07 ; Type tools: Air Rotary ;
Size of hole: 8 3/4 in.; Total depth of well: 109.0 ft.;
Completed well is: shallow (shallow, artesian);
Depth to water upon completion of well: 70.0 ft.

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO
2007 MAR 22 A 10:57

File Number: CP-944 Trn Number: ~~374442~~ 101067
Form: wr-20 page 1 of 4

22.34.3.13

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Explore

File Number: _____

# NEW MEXICO OFFICE OF THE STATE ENGINEER
# WELL RECORD

## 5. PRINCIPAL WATER-BEARING STRATA: WW#1

| Depth in Feet From | To | Thickness in feet | Description of water-bearing formation | Estimated Yield (GPM) |
|---|---|---|---|---|
| 62.0 | 72.0 | 10.0 | Orange brown sand moist. | |
| | | | | |
| | | | | |
| | | | | |

## 6. RECORD OF CASING

| Diameter (inches) | Pounds per ft. | Threads per in. | Depth in Feet Top | Bottom | Length (feet) | Type of Shoe | Perforations From | To |
|---|---|---|---|---|---|---|---|---|
| 5.0 | Sch. 40 | 4.0 | 0.0 | 57.0 | 57.0 | | | |
| 5.0 | .035 | 4.0 | 57.0 | 97.0 | 40.0 | | 57.0 | 97.0 |
| | | | | | | | | |
| | | | | | | | | |

## 7. RECORD OF MUDDING AND CEMENTING

| Depth in Feet From | To | Hole Diameter | Sacks of mud | Cubic Feet of Cement | Method of Placement |
|---|---|---|---|---|---|
| 100.0 | 54.0 | 8 3/4 | 28.0 | | 8/16 sand. |
| 54.0 | 30.0 | 8 3/4 | 9.0 | | Bentonite pellets. |
| 30.0 | 0.0 | 8 3/4 | 22.0 | | Cement – hand mix |
| | | | | | |

## 8. PLUGGING RECORD

Plugging Contractor: _____

Address: _____

Plugging Method: _____

Date Well Plugged: _____

Plugging approved by: _____
State Engineer Representative

| No. | Depth in Feet Top | Bottom | Cubic Feet of Cement |
|---|---|---|---|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |



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File Number: _____

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

**9. LOG OF HOLE: WW#1**

| Depth in feet From | To | Thickness in feet | Color and Type of Material Encountered |
|---|---|---|---|
| 0.0 | 3.0 | 3.0 | Reddish brown sand. |
| 3.0 | 4.0 | 1.0 | Limestone. |
| 4.0 | 12.0 | 8.0 | Caliche & tan sand. |
| 12.0 | 22.0 | 10.0 | Light brown sand. |
| 22.0 | 30.0 | 8.0 | Pinkish brown sand w/thin layers sandstone. |
| 30.0 | 57.0 | 27.0 | Reddish brown sand tight packed. |
| 57.0 | 62.0 | 5.0 | Reddish brown sandy clay. |
| 62.0 | 72.0 | 10.0 | Orange brown sand moist @ 70.0'. |
| 72.0 | 80.0 | 8.0 | Reddish brown clayey sand wet @ 72.0'. |
| 80.0 | 94.0 | 14.0 | Reddish brown sand w/gravel. |
| 94.0 | 103.0 | 9.0 | Pale yellow shale. |
| 103.0 | 109.0 | 6.0 | Red brown shale. |

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO
2001 MAR 22 A 10 57

File Number: CP-944 Trn Number: 401667 ~~374942~~

Form: wr-20 page 3 of 4

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File Number: _____

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

10. **ADDITIONAL STATEMENTS OR EXPLANATIONS:WW#1**
**Domestic water well.**

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

_____ 3/19/07
Driller (mm/dd/year)

==========

**FOR STATE ENGINEER USE ONLY**

**Quad** ____ **;FWL** ____ **;FSL** ____ **;Use** _____ **;Location No.** _____

File Number: _____ Trn Number: _____



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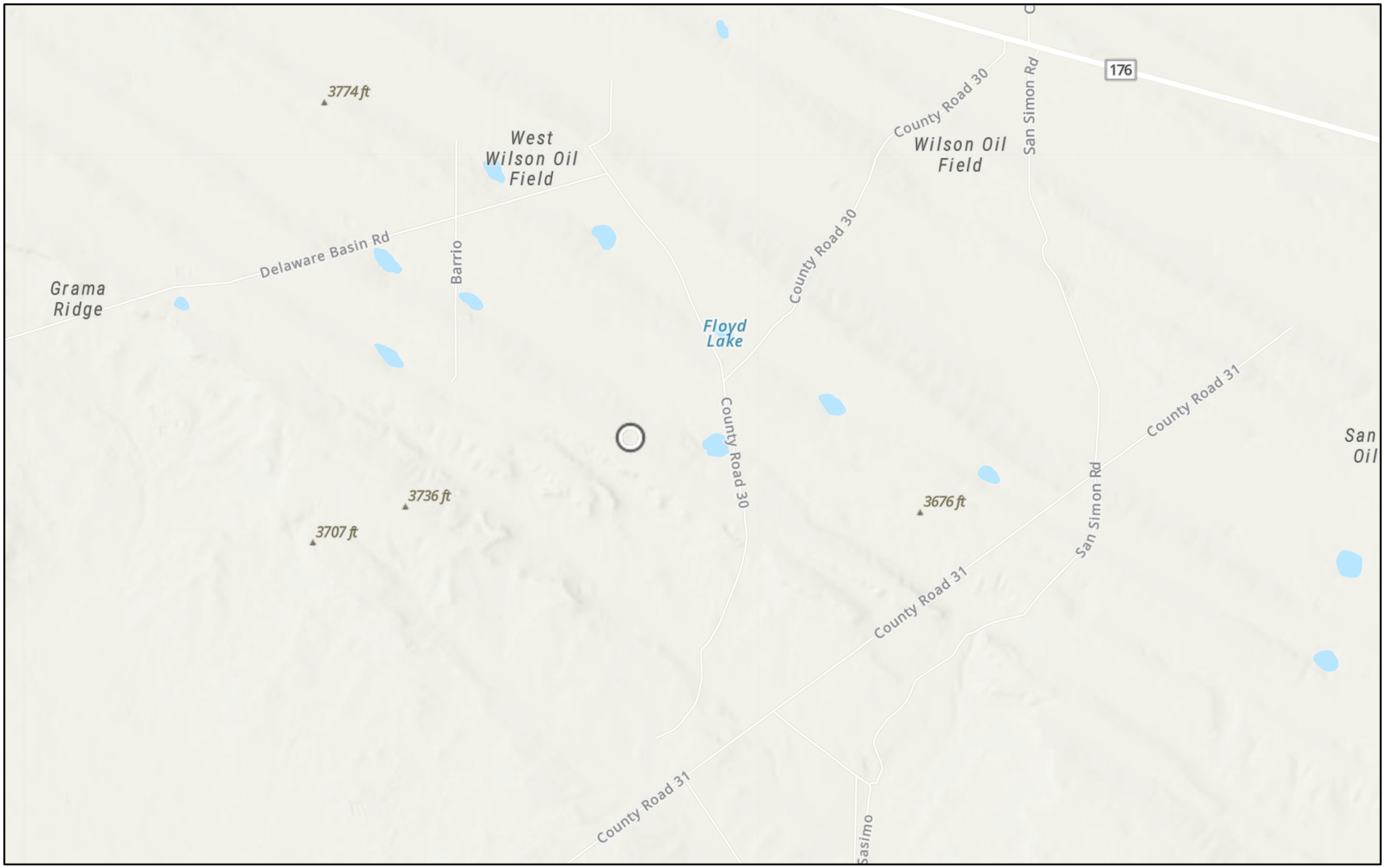
# Riser 121 (06.29.2025)




7/8/2025

World_Hillshade

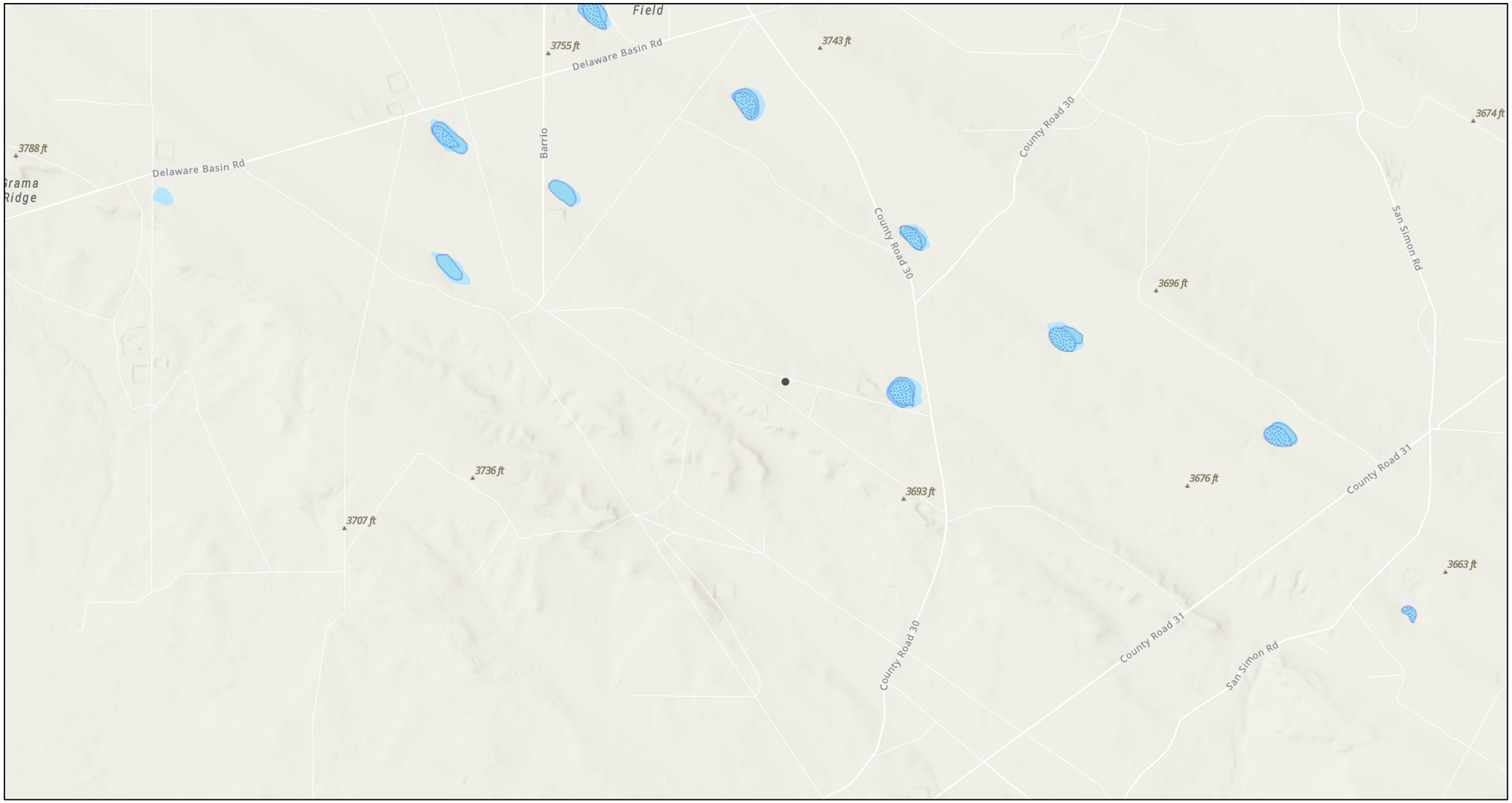
1:72,224

0 0.5 1 2 mi

0 0.75 1.5 3 km

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

# Riser 121 (06.29.2025)




7/8/2025, 3:19:02 PM

OSW Water Bodys

OSE Probable Playas

1:36,112

0 0.38 0.75 1.5 mi

0 0.5 1 2 km

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

Received by OCD: 4/9/2026 10:32:47 AM



U.S. Fish and Wildlife Service
National Wetlands Inventory

# Riser 121 (06.29.2025)

April 9, 2026

**Wetlands**

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

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

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Released to Imaging: 4/30/2026 3:42:59 PM

**IPaC** **U.S. Fish & Wildlife Service**

# IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

NOT FOR CONSULTATION

## Project information

NAME

Delek - Riser 121 (06.29.25)

LOCATION

Lea County, New Mexico

DESCRIPTION

None

Received by OCD: 4/9/2026 10:32:47 AM


# Local office

New Mexico Ecological Services Field Office

(505) 346-2525
(505) 346-2542

2105 Osuna Road Ne
Albuquerque, NM 87113-1001

NOT FOR CONSULTATION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# Endangered species

**This resource list is for informational purposes only and does not constitute an analysis of project level impacts.**

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Log in to IPaC.
2. Go to your My Projects list.
3. Click PROJECT HOME for this project.
4. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

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1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

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# Birds

| NAME | STATUS |
|---|---|
| Lesser Prairie-chicken Tympanuchus pallidicinctus<br>No critical habitat has been designated for this species.<br>https://ecos.fws.gov/ecp/species/1924 | Endangered |
| Northern Aplomado Falcon Falco femoralis septentrionalis<br>No critical habitat has been designated for this species.<br>https://ecos.fws.gov/ecp/species/1923 | EXPN |

# Insects

| NAME | STATUS |
|---|---|
| Monarch Butterfly Danaus plexippus<br>Wherever found<br>There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat.<br>https://ecos.fws.gov/ecp/species/9743 | Proposed Threatened |

# Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

You are still required to determine if your project(s) may have effects on all above listed species.

# Bald & Golden Eagles

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act [2] and the Migratory Bird Treaty Act (MBTA) [1]. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their nests, should follow appropriate regulations and implement required avoidance and minimization measures, as described in the various links on this page.

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The data in this location indicates that no eagles have been observed in this area. This does not mean eagles are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the Supplemental Information on Migratory Birds and Eagles document to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine if eagles may be present (e.g. your local FWS field office, state surveys, your own surveys).

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Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide avoidance and minimization measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

## Bald & Golden Eagles FAQs

**What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?**

The potential for eagle presence is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are an eagle (Bald and Golden Eagle Protection Act requirements may apply).

**Proper interpretation and use of your eagle report**

On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort line or no data line (red horizontal) means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide you in knowing when to implement avoidance and minimization measures to eliminate or reduce potential impacts from your project activities or get the appropriate permits should presence be confirmed.

**How do I know if eagles are breeding, wintering, or migrating in my area?**

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the RAIL Tool and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If an eagle on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in

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your “IPaC PROBABILITY OF PRESENCE SUMMARY” at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

**Interpreting the Probability of Presence Graphs**

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

***How is the probability of presence score calculated? The calculation is done in three steps:***
The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

**Breeding Season ()**
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

**Survey Effort ()**
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

**No Data ()**
A week is marked as having no data if there were no survey events for that week.

**Survey Timeframe**
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

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# Migratory birds

The Migratory Bird Treaty Act (MBTA) [1] prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior authorization by the Department of Interior U.S. Fish and Wildlife Service (Service).

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.


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Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide avoidance and minimization measures for birds
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

**Measures for Proactively Minimizing Migratory Bird Impacts**

Your IPaC Migratory Bird list showcases birds of concern, including Birds of Conservation Concern (BCC), in your project location. This is not a comprehensive list of all birds found in your project area. However, you can help proactively minimize significant impacts to all birds at your project location by implementing the measures in the Nationwide avoidance and minimization measures for birds document, and any other project-specific avoidance and minimization measures suggested at the link Measures for avoiding and minimizing impacts to birds for the birds of concern on your list below.

**Ensure Your Migratory Bird List is Accurate and Complete**

If your project area is in a poorly surveyed area, your list may not be complete and you may need to rely on other resources to determine what species may be present (e.g. your local FWS field office, state surveys, your own surveys). Please review the Supplemental Information on Migratory Birds and Eagles document, to help you properly interpret the report for your specified location, including determining if there is sufficient data to ensure your list is accurate.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the "Probability of Presence Summary" below to see when these birds are most likely to be present and breeding in your project area.

**Review the FAQs**

The FAQs below provide important additional information and resources.

| NAME | BREEDING SEASON |
|---|---|
| Northern Harrier Circus hudsonius<br>This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA<br>https://ecos.fws.gov/ecp/species/8350 | Breeds Apr 1 to Sep 15 |

# Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "Supplemental

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Information on Migratory Birds and Eagles", specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

**Probability of Presence** (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

**Breeding Season** (■)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

**Survey Effort** (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

**No Data** (–)
A week is marked as having no data if there were no survey events for that week.

**Survey Timeframe**
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

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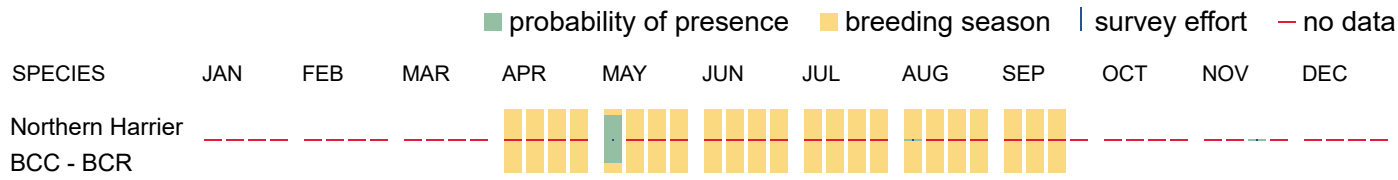


# Migratory Bird FAQs

**Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds.**

Nationwide Avoidance & Minimization Measures for Birds describes measures that can help avoid and minimize impacts to all birds at any location year-round. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is one of the most effective ways to minimize impacts. To see when birds are most likely to occur and breed in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

**What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?**

The Migratory Bird Resource List is comprised of Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location, such as those listed under the Endangered Species Act or the Bald and Golden Eagle Protection Act and those species marked as “Vulnerable”. See the FAQ “What are the levels of concern for migratory birds?” for more information on the levels of concern covered in the IPaC migratory bird species list.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) with which your project intersects. These species have been identified as warranting special attention because they are BCC species in that area, an eagle (Bald and Golden Eagle Protection Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, and to verify survey effort when no results present, please visit the Rapid Avian Information Locator (RAIL) Tool.

**Why are subspecies showing up on my list?**

Subspecies profiles are included on the list of species present in your project area because observations in the AKN for **the species** are being detected. If the species are present, that means that the subspecies may also be present. If a subspecies shows up on your list, you may need to rely on other resources to determine if that subspecies may be present (e.g. your local FWS field office, state surveys, your own surveys).

**What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?**

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The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

**How do I know if a bird is breeding, wintering, or migrating in my area?**

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the RAIL Tool and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your “IPaC PROBABILITY OF PRESENCE SUMMARY” at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

**What are the levels of concern for migratory birds?**

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Bald and Golden Eagle Protection Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially BCC species. For more information on avoidance and minimization measures you can implement to help avoid and minimize migratory bird impacts, please see the FAQ “Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds”.

**Details about birds that are potentially affected by offshore projects**

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

**Proper interpretation and use of your migratory bird report**

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially

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occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list does not represent all birds present in your project area. It is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide implementation of avoidance and minimization measures to eliminate or reduce potential impacts from your project activities, should presence be confirmed. To learn more about avoidance and minimization measures, visit the FAQ "Tell me about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

**Interpreting the Probability of Presence Graphs**
Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

***How is the probability of presence score calculated? The calculation is done in three steps:***
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To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

**Breeding Season ()**
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

**Survey Effort ()**
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

**No Data ()**
A week is marked as having no data if there were no survey events for that week.

**Survey Timeframe**
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

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# Facilities

## National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

## Fish hatcheries

There are no fish hatcheries at this location.

# Wetlands in the National Wetlands Inventory (NWI)

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

This location did not intersect any wetlands mapped by NWI.

**NOTE:** This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

**Data limitations**

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

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The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

**Data exclusions**

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

**Data precautions**

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

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U.S. Fish and Wildlife Service

National Wetlands Inventory

# Delek - Riser 121 (06.29.25)

July 8, 2025

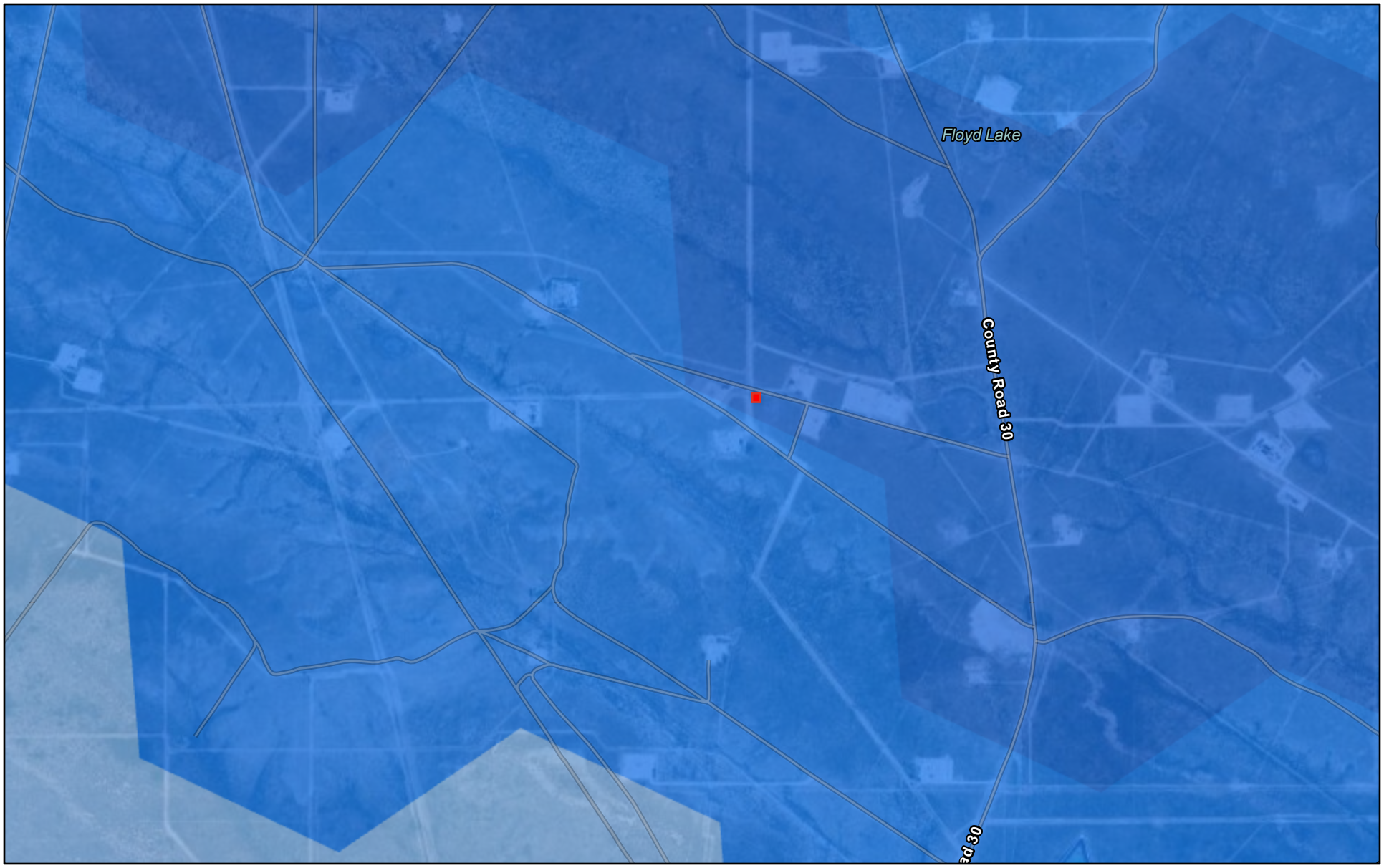
**Wetlands**

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

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

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

# Delek - Riser 121 (06.29.25)




July 8, 2025

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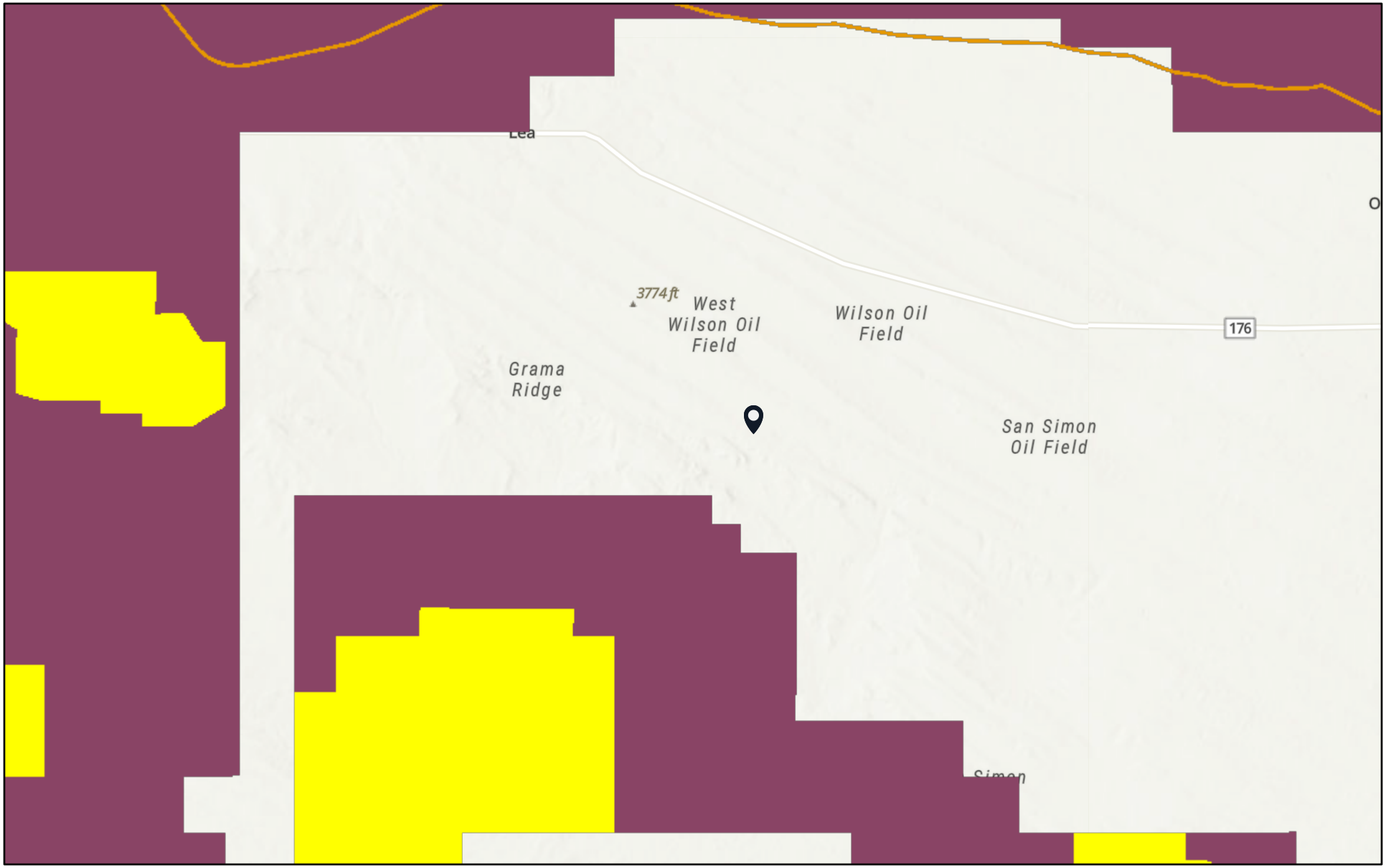
0 0.33 0.65 1.3 km

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Maxar

# Delek - Riser 121 (06.29.25)




7/8/2025

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0 1.25 2.5 5 mi

0 2 4 8 km

Dunes Sage Brush Lizard Habitat

Lesser Prairie Chicken Habitat

Habitat Evaluation Area

Isolated Population Area

World_Hillshade

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

# NMSLO Cultural Resources Cover Sheet

*Survey Complete Form*

**To:** Cultural Resources Office, New Mexico State Land Office, Santa Fe, New Mexico

**Re:** Proposed "Cultural Resource Survey Report for Carmona Resources for Proposed Remediation and Clean-Up of the Delek Riser Release Located within Section 27, Township 21 South, Range 34 East in Lea County, New Mexico" project

**Notification of Intent to Survey ID:** N-20250929-002891

## Cultural Resource Survey

**NMCRIS Activity No.:** 159601

**Findings:** Negative

**Have avoidance and protection Measures been devised?** Yes

**Comments:** Carmona Resources proposes to conduct clean-up and remediation of the Delek Riser release located within Section 27, Township 21 South, Range 34 East in Lea County, New Mexico. The survey area included the area of release disturbance, which was in one semi-circular area. The spill/ area of concern location measures approximately 180 feet (east/west) by 140 feet (north/ south). In addition, a roughly 100-foot survey buffer was added to the remediation/ area of concern area location as per New Mexico State Land Office cultural resource survey requirements. The total survey for the location has been estimated to be 2.40 survey acres. It should be noted that a large portion of the project area is located within an existing disturbed oil facility and roadway that runs adjacent (to the north) and atop the area of concern location. Lands surveyed for the project area are privately owned with spill requirements administered by the New Mexico State Land Office.

The project area was delineated by coordinates marked on maps provided by the client, Carmona Resources. Two archaeologists used known topographic landmarks and associated project coordinates in conjunction with GPS units to locate accurate project boundaries. The survey crew walked multiple, parallel, non-overlapping transects spaced at approximately 50 ft (15 m) intervals, in accordance with Federal and State guidelines. All cultural resources encountered were documented, these resources were categorized as I.O.s (Isolated Occurrences) or archaeological sites.

The project area is located within a dunal desert rangeland that has been impacted by numerous sheet washing events and wind erosion. The topography consists of mesquite, yucca and grass stabilized sand sheet with a few intermixed gravels. The vegetation consists of mesquite, and assorted range grasses and forbs which provide 75-100 percent surface visibility. The soil consists of light tan silty sand with a large amount of intermixed caliche gravels. NRCS Soil Classification: Kimbrough gravelly loam, dry, 0 to 3 percent slopes, Mobeetie-Potter association, 1 to 15 percent slopes, and Berino-Cacique fine sandy loams association. Elevation within the project area is approximately 3350 and 3360 feet above mean sea level (AMSL). Project area disturbed (roughly 75% of survey area is previously disturbed) by roadway maintenance as well as activities related to the maintenance and upkeep of the existing roadway to the north.

No new archaeological sites or historic properties (built environment) were encountered during the current survey. Four previous cultural resource surveys have been conducted adjacent to the


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current project area (NMCRIS 135931, 137350, 139333 and 115889). During preliminary records search of state and federal files no historic properties or archaeological sites were noted within 1000 feet of the survey area. Accordingly, no archaeological sites are located within or near the proposed project area (proposed area of potential effect) and will not be affected by this “clean-up” undertaking. No isolated occurrences were observed within the survey area.

Archaeological clearance for the proposed “clean-up” and remediation of the Delek Riser release located within Section 27, Township 21 South, Range 34 East in Lea County, New Mexico is recommended to proceed as currently defined. The New Mexico State Land Trust and Advanced Archaeological Solutions should be immediately notified if cultural resources are encountered during the clean-up phase of this undertaking.

**Submitted on:** 9/29/2025 at 12:58 PM MDT

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## Proposed Project Details

**Permitted Cultural Consultant Name:** Advanced Archaeolgical Solutions

**Permitted Cultural ConsultantPhone Number:**
(575) 496 - 1570

**Permitted Cultural Consultant Email Address:**
mastowe@aol.com

Carmona Resources has contracted Advanced Archaeolgical Solutions to conduct a cultural resources survey for a proposed project “Cultural Resource Survey Report for Carmona Resources for Proposed Remediation and Clean-Up of the Delek Riser Release Located within Section 27, Township 21 South, Range 34 East in Lea County, New Mexico” located on New Mexico State Trust Lands in T21S, R34E, S27 in Lea. The survey is estimated to begin on 09/15/2025. The total acreage of the proposed project area is 2.40. The Lead Agency for this project is NMSLO.

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## *NMSLO Administrative Use Only:*

**NMSLO Lease Number:** _____

**Lease Analyst:** _____


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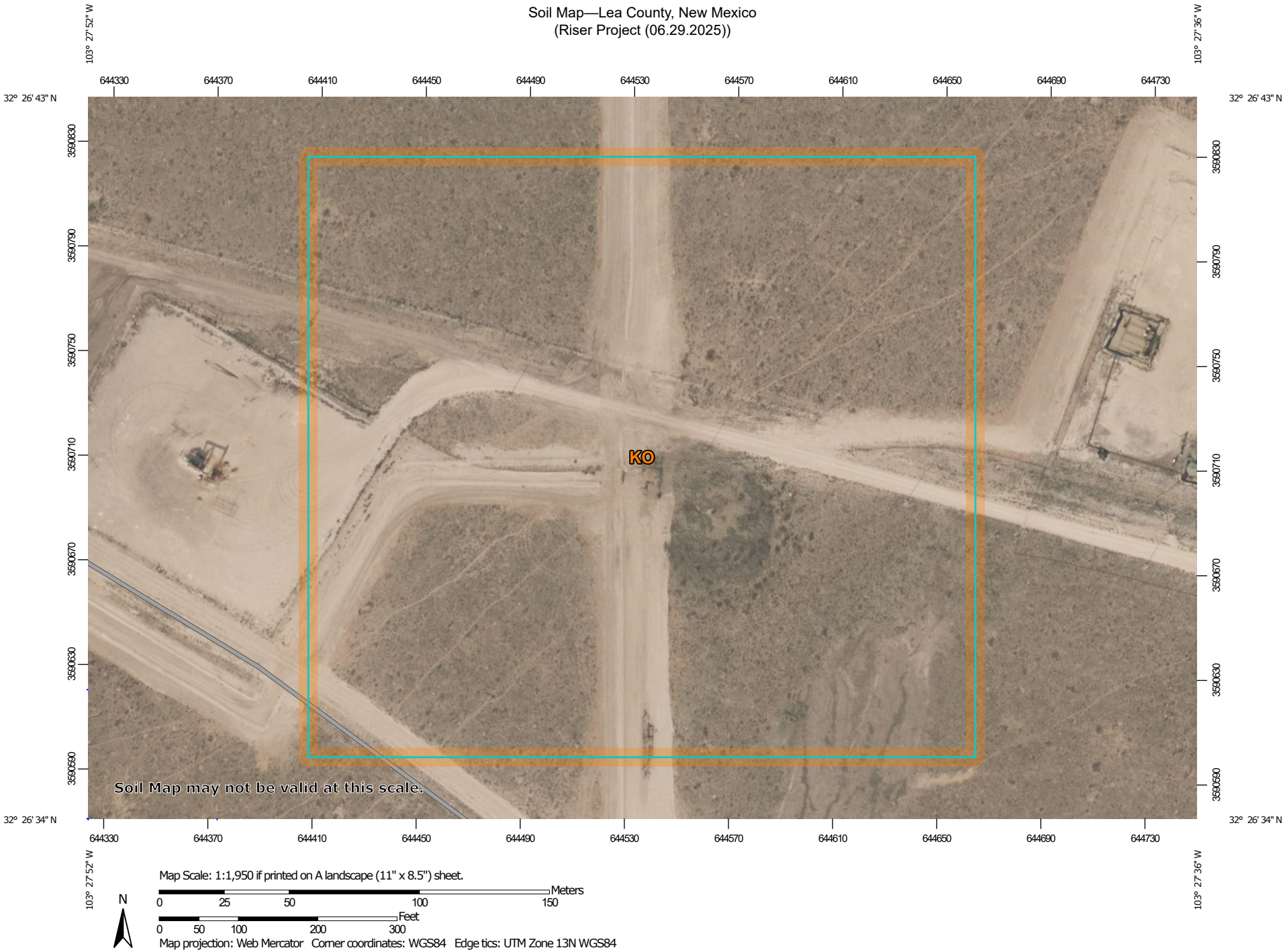
Soil Map—Lea County, New Mexico
(Riser Project (06.29.2025))




Map Scale: 1:1,950 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 25 50 100 150

Feet
0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

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Soil Map—Lea County, New Mexico
(Riser Project (06.29.2025))

## MAP LEGEND

**Area of Interest (AOI)**
- Area of Interest (AOI)

**Soils**
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

**Special Point Features**
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

**Water Features**
- Streams and Canals

**Transportation**
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

**Background**
- Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 22, Sep 9, 2025

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



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# Map Unit Legend

| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
|---|---|---|---|
| KO | Kimbrough gravelly loam, dry, 0 to 3 percent slopes | 14.6 | 100.0% |
| **Totals for Area of Interest** | | **14.6** | **100.0%** |



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# Lea County, New Mexico

## KO—Kimbrough gravelly loam, dry, 0 to 3 percent slopes

### Map Unit Setting

*National map unit symbol:* 2tw43
*Landscape:* Plateaus
*Elevation:* 2,500 to 4,800 feet
*Mean annual precipitation:* 14 to 16 inches
*Mean annual air temperature:* 57 to 63 degrees F
*Frost-free period:* 180 to 220 days
*Farmland classification:* Not prime farmland

### Map Unit Composition

*Kimbrough, dry, and similar soils:* 80 percent
*Minor components:* 20 percent
*Estimates are based on observations, descriptions, and transects of the mapunit.*

### Description of Kimbrough, Dry

#### Setting

*Landscape:* Plateaus
*Landform:* Plains, Playa rims
*Down-slope shape:* Linear, convex
*Across-slope shape:* Linear, concave
*Parent material:* Loamy eolian deposits derived from sedimentary rock

#### Typical profile

*A - 0 to 3 inches:* gravelly loam
*Bw - 3 to 10 inches:* loam
*Bkkm1 - 10 to 16 inches:* cemented material
*Bkkm2 - 16 to 80 inches:* cemented material

#### Properties and qualities

*Slope:* 0 to 3 percent
*Depth to restrictive feature:* 4 to 18 inches to petrocalcic
*Drainage class:* Well drained
*Runoff class:* Very high
*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.01 in/hr)
*Depth to water table:* More than 80 inches
*Frequency of flooding:* None
*Frequency of ponding:* None
*Calcium carbonate, maximum content:* 95 percent
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
*Sodium adsorption ratio, maximum:* 1.0
*Available water supply, 0 to 60 inches:* Very low (about 1.4 inches)

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**Interpretive groups**

*Land capability classification (irrigated):* None specified
*Land capability classification (nonirrigated):* 7s
*Hydrologic Soil Group:* D
*Ecological site:* R077DY049TX - Very Shallow 12-17" PZ
*Hydric soil rating:* No

**Minor Components**

**Eunice**

*Percent of map unit:* 10 percent
*Landscape:* Plateaus
*Landform:* Plains
*Down-slope shape:* Linear
*Across-slope shape:* Convex
*Ecological site:* R077DY049TX - Very Shallow 12-17" PZ
*Hydric soil rating:* No

**Spraberry**

*Percent of map unit:* 6 percent
*Landscape:* Plateaus
*Landform:* Plains, Playa rims
*Down-slope shape:* Linear, convex
*Across-slope shape:* Linear
*Ecological site:* R077DY049TX - Very Shallow 12-17" PZ
*Hydric soil rating:* No

**Kenhill**

*Percent of map unit:* 4 percent
*Landscape:* Plateaus
*Landform:* Plains
*Down-slope shape:* Linear
*Across-slope shape:* Linear
*Ecological site:* R077DY038TX - Clay Loam 12-17" PZ
*Hydric soil rating:* No

# Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 22, Sep 9, 2025



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# APPENDIX E

CARMONA RESOURCES

eurofins | Environment Testing



# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 7/10/2025 11:48:38 AM

## JOB DESCRIPTION

Riser 121 (06.29.2025)
2783

## JOB NUMBER

890-8390-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.



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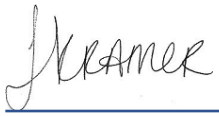
# Eurofins Carlsbad

## 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
7/10/2025 11:48:38 AM

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

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Laboratory Job ID: 890-8390-1
SDG: 2783

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# Definitions/Glossary

Client: Carmona Resources Job ID: 890-8390-1
Project/Site: Riser 121 (06.29.2025) SDG: 2783

## Qualifiers

### GC 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. |

### GC Semi VOA

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

### HPLC/IC

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

## Glossary

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

# Case Narrative

Client: Carmona Resources
Project: Riser 121 (06.29.2025)

Job ID: 890-8390-1

## Job ID: 890-8390-1 Eurofins Carlsbad

**Job Narrative**
**890-8390-1**

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 7/7/2025 3:22 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 0.2°C.

**GC VOA**
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-113744 and analytical batch 880-113742 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: Surrogate recovery for the following samples were outside control limits: H-1 (0-0.5) (890-8390-1), H-2 (0-0.5) (890-8390-2), H-3 (0-0.5) (890-8390-3), (LCSD 880-113746/2-A) and (890-8383-A-1-D). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

**Diesel Range Organics**
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-113733 and analytical batch 880-113767 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H-1 (0-0.5) (890-8390-1) and (890-8383-A-1-F). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-8383-A-1-G MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-8383-A-1-H MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-113767 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 880-113767/32).

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.

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

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

**Lab Sample ID: 890-8390-1**
**Matrix: Solid**
**Date Collected: 07/07/25 00:00**
**Date Received: 07/07/25 15:22**

### 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 | | 07/08/25 09:43 | 07/08/25 19:04 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 07/08/25 09:43 | 07/08/25 19:04 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 07/08/25 09:43 | 07/08/25 19:04 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 07/08/25 09:43 | 07/08/25 19:04 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 07/08/25 09:43 | 07/08/25 19:04 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 07/08/25 09:43 | 07/08/25 19:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *138* | *S1+* | *70 - 130* | *07/08/25 09:43* | *07/08/25 19:04* | *1* |
| *1,4-Difluorobenzene (Surr)* | *82* | | *70 - 130* | *07/08/25 09:43* | *07/08/25 19:04* | *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 | | | 07/08/25 19:04 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 07/08/25 18:33 | 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 | <50.0 | U | 50.0 | | mg/Kg | | 07/08/25 08:04 | 07/08/25 18:33 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 07/08/25 08:04 | 07/08/25 18:33 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 07/08/25 08:04 | 07/08/25 18:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *116* | | *70 - 130* | *07/08/25 08:04* | *07/08/25 18:33* | *1* |
| *o-Terphenyl (Surr)* | *135* | *S1+* | *70 - 130* | *07/08/25 08:04* | *07/08/25 18:33* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **104** | | 9.98 | | mg/Kg | | | 07/08/25 10:46 | 1 |

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

**Lab Sample ID: 890-8390-2**
**Matrix: Solid**
**Date Collected: 07/07/25 00:00**
**Date Received: 07/07/25 15:22**

### 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 | | 07/08/25 09:43 | 07/08/25 19:25 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 07/08/25 09:43 | 07/08/25 19:25 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 07/08/25 09:43 | 07/08/25 19:25 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 07/08/25 09:43 | 07/08/25 19:25 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 07/08/25 09:43 | 07/08/25 19:25 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 07/08/25 09:43 | 07/08/25 19:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *141* | *S1+* | *70 - 130* | *07/08/25 09:43* | *07/08/25 19:25* | *1* |
| *1,4-Difluorobenzene (Surr)* | *83* | | *70 - 130* | *07/08/25 09:43* | *07/08/25 19:25* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

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

**Lab Sample ID: 890-8390-2**
**Matrix: Solid**
**Date Collected: 07/07/25 00:00**
**Date Received: 07/07/25 15:22**

### 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 | | | 07/08/25 19:25 | 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 | | | 07/10/25 00:36 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 07/08/25 08:08 | 07/10/25 00:36 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 07/08/25 08:08 | 07/10/25 00:36 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 07/08/25 08:08 | 07/10/25 00:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *07/08/25 08:08* | *07/10/25 00:36* | *1* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* | *07/08/25 08:08* | *07/10/25 00:36* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **79.5** | | 10.0 | | mg/Kg | | | 07/08/25 11:03 | 1 |

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

**Lab Sample ID: 890-8390-3**
**Matrix: Solid**
**Date Collected: 07/07/25 00:00**
**Date Received: 07/07/25 15:22**

### 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 | | 07/08/25 09:43 | 07/08/25 19:45 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 07/08/25 09:43 | 07/08/25 19:45 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 07/08/25 09:43 | 07/08/25 19:45 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 07/08/25 09:43 | 07/08/25 19:45 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 07/08/25 09:43 | 07/08/25 19:45 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 07/08/25 09:43 | 07/08/25 19:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *139* | *S1+* | *70 - 130* | *07/08/25 09:43* | *07/08/25 19:45* | *1* |
| *1,4-Difluorobenzene (Surr)* | *83* | | *70 - 130* | *07/08/25 09:43* | *07/08/25 19:45* | *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 | | | 07/08/25 19:45 | 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 | | | 07/10/25 01:23 | 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 | <49.9 | U | 49.9 | | mg/Kg | | 07/08/25 08:08 | 07/10/25 01:23 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 07/08/25 08:08 | 07/10/25 01:23 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

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

**Lab Sample ID: 890-8390-3**
**Matrix: Solid**
**Date Collected: 07/07/25 00:00**
**Date Received: 07/07/25 15:22**

### 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 | | 07/08/25 08:08 | 07/10/25 01:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *106* | | *70 - 130* | *07/08/25 08:08* | *07/10/25 01:23* | *1* |
| *o-Terphenyl (Surr)* | *111* | | *70 - 130* | *07/08/25 08:08* | *07/10/25 01:23* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **87.0** | | 10.1 | | mg/Kg | | | 07/08/25 11:09 | 1 |

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

**Lab Sample ID: 890-8390-4**
**Matrix: Solid**
**Date Collected: 07/07/25 00:00**
**Date Received: 07/07/25 15:22**

### 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 | | 07/08/25 09:32 | 07/08/25 12:03 | 1 |
| Toluene | <0.00200 | U F1 | 0.00200 | | mg/Kg | | 07/08/25 09:32 | 07/08/25 12:03 | 1 |
| Ethylbenzene | <0.00200 | U F1 | 0.00200 | | mg/Kg | | 07/08/25 09:32 | 07/08/25 12:03 | 1 |
| m,p-Xylenes | <0.00399 | U F1 | 0.00399 | | mg/Kg | | 07/08/25 09:32 | 07/08/25 12:03 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 07/08/25 09:32 | 07/08/25 12:03 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 07/08/25 09:32 | 07/08/25 12:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* | *07/08/25 09:32* | *07/08/25 12:03* | *1* |
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *07/08/25 09:32* | *07/08/25 12:03* | *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 | | | 07/08/25 12:03 | 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 | | | 07/10/25 01:40 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 07/08/25 08:08 | 07/10/25 01:40 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 07/08/25 08:08 | 07/10/25 01:40 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 07/08/25 08:08 | 07/10/25 01:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *07/08/25 08:08* | *07/10/25 01:40* | *1* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* | *07/08/25 08:08* | *07/10/25 01:40* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **86.4** | | 10.1 | | mg/Kg | | | 07/08/25 11:14 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

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

**Lab Sample ID: 890-8390-5**
**Matrix: Solid**
**Date Collected: 07/07/25 00:00**
**Date Received: 07/07/25 15:22**

### 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 | | 07/08/25 16:39 | 07/08/25 18:47 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 07/08/25 16:39 | 07/08/25 18:47 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 07/08/25 16:39 | 07/08/25 18:47 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 07/08/25 16:39 | 07/08/25 18:47 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 07/08/25 16:39 | 07/08/25 18:47 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 07/08/25 16:39 | 07/08/25 18:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* | *07/08/25 16:39* | *07/08/25 18:47* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *07/08/25 16:39* | *07/08/25 18:47* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 07/08/25 18:47 | 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 | | | 07/10/25 01:56 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 07/08/25 08:08 | 07/10/25 01:56 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 07/08/25 08:08 | 07/10/25 01:56 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 07/08/25 08:08 | 07/10/25 01:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *103* | | *70 - 130* | *07/08/25 08:08* | *07/10/25 01:56* | *1* |
| *o-Terphenyl (Surr)* | *109* | | *70 - 130* | *07/08/25 08:08* | *07/10/25 01:56* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **60.3** | | 9.98 | | mg/Kg | | | 07/08/25 11:20 | 1 |

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

**Lab Sample ID: 890-8390-6**
**Matrix: Solid**
**Date Collected: 07/07/25 00:00**
**Date Received: 07/07/25 15:22**

### 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 | | 07/08/25 16:39 | 07/08/25 19:07 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 07/08/25 16:39 | 07/08/25 19:07 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 07/08/25 16:39 | 07/08/25 19:07 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 07/08/25 16:39 | 07/08/25 19:07 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 07/08/25 16:39 | 07/08/25 19:07 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 07/08/25 16:39 | 07/08/25 19:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *90* | | *70 - 130* | *07/08/25 16:39* | *07/08/25 19:07* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *07/08/25 16:39* | *07/08/25 19:07* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

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

**Lab Sample ID: 890-8390-6**
**Matrix: Solid**
**Date Collected: 07/07/25 00:00**
**Date Received: 07/07/25 15:22**

### 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 | | | 07/08/25 19:07 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 07/10/25 02:12 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 07/08/25 08:08 | 07/10/25 02:12 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 07/08/25 08:08 | 07/10/25 02:12 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 07/08/25 08:08 | 07/10/25 02:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *103* | | *70 - 130* | *07/08/25 08:08* | *07/10/25 02:12* | *1* |
| *o-Terphenyl (Surr)* | *108* | | *70 - 130* | *07/08/25 08:08* | *07/10/25 02:12* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **202** | | 10.1 | | mg/Kg | | | 07/08/25 11:37 | 1 |

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

**Lab Sample ID: 890-8390-7**
**Matrix: Solid**
**Date Collected: 07/07/25 00:00**
**Date Received: 07/07/25 15:22**

### 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 | | 07/08/25 16:39 | 07/08/25 19:28 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 07/08/25 16:39 | 07/08/25 19:28 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 07/08/25 16:39 | 07/08/25 19:28 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 07/08/25 16:39 | 07/08/25 19:28 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 07/08/25 16:39 | 07/08/25 19:28 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 07/08/25 16:39 | 07/08/25 19:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *90* | | *70 - 130* | *07/08/25 16:39* | *07/08/25 19:28* | *1* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* | *07/08/25 16:39* | *07/08/25 19:28* | *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 | | | 07/08/25 19:28 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 07/10/25 02:27 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 07/08/25 08:08 | 07/10/25 02:27 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 07/08/25 08:08 | 07/10/25 02:27 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

**Client Sample ID: H-7 (0-0.5)**
**Date Collected: 07/07/25 00:00**
**Date Received: 07/07/25 15:22**

**Lab Sample ID: 890-8390-7**
**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) | <49.8 | U | 49.8 | | mg/Kg | | 07/08/25 08:08 | 07/10/25 02:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *102* | | *70 - 130* | *07/08/25 08:08* | *07/10/25 02:27* | *1* |
| *o-Terphenyl (Surr)* | *109* | | *70 - 130* | *07/08/25 08:08* | *07/10/25 02:27* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **78.3** | | 10.1 | | mg/Kg | | | 07/08/25 11:43 | 1 |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

## 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) |
| 890-8383-A-1-B MS | Matrix Spike | 124 | 92 |
| 890-8383-A-1-C MSD | Matrix Spike Duplicate | 125 | 92 |
| 890-8385-A-1-E MS | Matrix Spike | 102 | 93 |
| 890-8385-A-1-F MSD | Matrix Spike Duplicate | 93 | 102 |
| 890-8390-1 | H-1 (0-0.5) | 138 S1+ | 82 |
| 890-8390-2 | H-2 (0-0.5) | 141 S1+ | 83 |
| 890-8390-3 | H-3 (0-0.5) | 139 S1+ | 83 |
| 890-8390-4 | H-4 (0-0.5) | 102 | 111 |
| 890-8390-4 MS | H-4 (0-0.5) | 99 | 100 |
| 890-8390-4 MSD | H-4 (0-0.5) | 97 | 99 |
| 890-8390-5 | H-5 (0-0.5) | 98 | 98 |
| 890-8390-6 | H-6 (0-0.5) | 90 | 98 |
| 890-8390-7 | H-7 (0-0.5) | 90 | 94 |
| LCS 880-113744/1-A | Lab Control Sample | 97 | 99 |
| LCS 880-113746/1-A | Lab Control Sample | 128 | 88 |
| LCS 880-113793/1-A | Lab Control Sample | 98 | 103 |
| LCSD 880-113744/2-A | Lab Control Sample Dup | 97 | 99 |
| LCSD 880-113746/2-A | Lab Control Sample Dup | 134 S1+ | 90 |
| LCSD 880-113793/2-A | Lab Control Sample Dup | 96 | 102 |
| MB 880-113744/5-A | Method Blank | 96 | 104 |
| MB 880-113746/5-A | Method Blank | 127 | 81 |
| MB 880-113793/5-A | Method Blank | 95 | 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**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| Lab Sample ID | Client Sample ID | 1CO1 (70-130) | OTPH1 (70-130) |
| 890-8383-A-1-G MS | Matrix Spike | 127 | 138 S1+ |
| 890-8383-A-1-H MSD | Matrix Spike Duplicate | 133 S1+ | 137 S1+ |
| 890-8390-1 | H-1 (0-0.5) | 116 | 135 S1+ |
| 890-8390-2 | H-2 (0-0.5) | 101 | 107 |
| 890-8390-2 MS | H-2 (0-0.5) | 96 | 108 |
| 890-8390-2 MSD | H-2 (0-0.5) | 95 | 108 |
| 890-8390-3 | H-3 (0-0.5) | 106 | 111 |
| 890-8390-4 | H-4 (0-0.5) | 101 | 104 |
| 890-8390-5 | H-5 (0-0.5) | 103 | 109 |
| 890-8390-6 | H-6 (0-0.5) | 103 | 108 |
| 890-8390-7 | H-7 (0-0.5) | 102 | 109 |
| LCS 880-113733/2-A | Lab Control Sample | 73 | 77 |
| LCS 880-113734/2-A | Lab Control Sample | 92 | 106 |
| LCSD 880-113733/3-A | Lab Control Sample Dup | 73 | 79 |
| LCSD 880-113734/3-A | Lab Control Sample Dup | 93 | 107 |
| MB 880-113733/1-A | Method Blank | 125 | 141 S1+ |
| MB 880-113734/1-A | Method Blank | 96 | 99 |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

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

**Lab Sample ID: MB 880-113744/5-A**
**Matrix: Solid**
**Analysis Batch: 113742**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 113744**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 07/08/25 09:32 | 07/08/25 11:42 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 07/08/25 09:32 | 07/08/25 11:42 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 07/08/25 09:32 | 07/08/25 11:42 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 07/08/25 09:32 | 07/08/25 11:42 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 07/08/25 09:32 | 07/08/25 11:42 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 07/08/25 09:32 | 07/08/25 11:42 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *07/08/25 09:32* | *07/08/25 11:42* | *1* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* | *07/08/25 09:32* | *07/08/25 11:42* | *1* |

**Lab Sample ID: LCS 880-113744/1-A**
**Matrix: Solid**
**Analysis Batch: 113742**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 113744**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09251 | | mg/Kg | | 93 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.08397 | | mg/Kg | | 84 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.08990 | | mg/Kg | | 90 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.1799 | | mg/Kg | | 90 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.09104 | | mg/Kg | | 91 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* |

**Lab Sample ID: LCSD 880-113744/2-A**
**Matrix: Solid**
**Analysis Batch: 113742**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 113744**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09187 | | mg/Kg | | 92 | 70 - 130 | 1 | 35 |
| Toluene | | | 0.100 | 0.08427 | | mg/Kg | | 84 | 70 - 130 | 0 | 35 |
| Ethylbenzene | | | 0.100 | 0.09010 | | mg/Kg | | 90 | 70 - 130 | 0 | 35 |
| m,p-Xylenes | | | 0.200 | 0.1805 | | mg/Kg | | 90 | 70 - 130 | 0 | 35 |
| o-Xylene | | | 0.100 | 0.09171 | | mg/Kg | | 92 | 70 - 130 | 1 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* |

**Lab Sample ID: 890-8390-4 MS**
**Matrix: Solid**
**Analysis Batch: 113742**

**Client Sample ID: H-4 (0-0.5)**
**Prep Type: Total/NA**
**Prep Batch: 113744**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.07740 | | mg/Kg | | 77 | 70 - 130 | | |
| Toluene | <0.00200 | U F1 | 0.100 | 0.06742 | F1 | mg/Kg | | 67 | 70 - 130 | | |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

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

**Lab Sample ID: 890-8390-4 MS**
**Matrix: Solid**
**Analysis Batch: 113742**

**Client Sample ID: H-4 (0-0.5)**
**Prep Type: Total/NA**
**Prep Batch: 113744**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | <0.00200 | U F1 | 0.100 | 0.06924 | F1 | mg/Kg | | 69 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U F1 | 0.200 | 0.1379 | F1 | mg/Kg | | 69 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.100 | 0.07092 | | mg/Kg | | 71 | 70 - 130 |

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

**Lab Sample ID: 890-8390-4 MSD**
**Matrix: Solid**
**Analysis Batch: 113742**

**Client Sample ID: H-4 (0-0.5)**
**Prep Type: Total/NA**
**Prep Batch: 113744**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.08233 | | mg/Kg | | 82 | 70 - 130 | 6 | 35 |
| Toluene | <0.00200 | U F1 | 0.100 | 0.07276 | | mg/Kg | | 73 | 70 - 130 | 8 | 35 |
| Ethylbenzene | <0.00200 | U F1 | 0.100 | 0.07645 | | mg/Kg | | 76 | 70 - 130 | 10 | 35 |
| m,p-Xylenes | <0.00399 | U F1 | 0.200 | 0.1534 | | mg/Kg | | 77 | 70 - 130 | 11 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.07784 | | mg/Kg | | 78 | 70 - 130 | 9 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* |

**Lab Sample ID: MB 880-113746/5-A**
**Matrix: Solid**
**Analysis Batch: 113737**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 113746**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 07/08/25 09:43 | 07/08/25 11:42 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 07/08/25 09:43 | 07/08/25 11:42 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 07/08/25 09:43 | 07/08/25 11:42 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 07/08/25 09:43 | 07/08/25 11:42 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 07/08/25 09:43 | 07/08/25 11:42 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 07/08/25 09:43 | 07/08/25 11:42 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *127* | | *70 - 130* | *07/08/25 09:43* | *07/08/25 11:42* | *1* |
| *1,4-Difluorobenzene (Surr)* | *81* | | *70 - 130* | *07/08/25 09:43* | *07/08/25 11:42* | *1* |

**Lab Sample ID: LCS 880-113746/1-A**
**Matrix: Solid**
**Analysis Batch: 113737**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 113746**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.1099 | | mg/Kg | | 110 | 70 - 130 |
| Toluene | 0.100 | 0.1021 | | mg/Kg | | 102 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.1112 | | mg/Kg | | 111 | 70 - 130 |
| m,p-Xylenes | 0.200 | 0.2185 | | mg/Kg | | 109 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

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

**Lab Sample ID: LCS 880-113746/1-A**
**Matrix: Solid**
**Analysis Batch: 113737**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 113746**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| o-Xylene | | | 0.100 | 0.1167 | | mg/Kg | | 117 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *128* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *88* | | *70 - 130* |

**Lab Sample ID: LCSD 880-113746/2-A**
**Matrix: Solid**
**Analysis Batch: 113737**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 113746**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1113 | | mg/Kg | | 111 | 70 - 130 | 1 | 35 |
| Toluene | | | 0.100 | 0.1037 | | mg/Kg | | 104 | 70 - 130 | 2 | 35 |
| Ethylbenzene | | | 0.100 | 0.1136 | | mg/Kg | | 114 | 70 - 130 | 2 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2238 | | mg/Kg | | 112 | 70 - 130 | 2 | 35 |
| o-Xylene | | | 0.100 | 0.1196 | | mg/Kg | | 120 | 70 - 130 | 2 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *134* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *90* | | *70 - 130* |

**Lab Sample ID: 890-8383-A-1-B MS**
**Matrix: Solid**
**Analysis Batch: 113737**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 113746**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.1072 | | mg/Kg | | 107 | 70 - 130 | | |
| Toluene | <0.00200 | U | 0.100 | 0.09553 | | mg/Kg | | 96 | 70 - 130 | | |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.1019 | | mg/Kg | | 102 | 70 - 130 | | |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1975 | | mg/Kg | | 99 | 70 - 130 | | |
| o-Xylene | <0.00200 | U | 0.100 | 0.1048 | | mg/Kg | | 105 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *124* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *92* | | *70 - 130* |

**Lab Sample ID: 890-8383-A-1-C MSD**
**Matrix: Solid**
**Analysis Batch: 113737**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 113746**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.1071 | | mg/Kg | | 107 | 70 - 130 | 0 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.09586 | | mg/Kg | | 96 | 70 - 130 | 0 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.1028 | | mg/Kg | | 103 | 70 - 130 | 1 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1994 | | mg/Kg | | 100 | 70 - 130 | 1 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.1058 | | mg/Kg | | 106 | 70 - 130 | 1 | 35 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

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

**Lab Sample ID: 890-8383-A-1-C MSD**
**Matrix: Solid**
**Analysis Batch: 113737**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 113746**

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 125 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 92 | | 70 - 130 |

**Lab Sample ID: MB 880-113793/5-A**
**Matrix: Solid**
**Analysis Batch: 113738**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 113793**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 07/08/25 16:39 | 07/08/25 18:05 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 07/08/25 16:39 | 07/08/25 18:05 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 07/08/25 16:39 | 07/08/25 18:05 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 07/08/25 16:39 | 07/08/25 18:05 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 07/08/25 16:39 | 07/08/25 18:05 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 07/08/25 16:39 | 07/08/25 18:05 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 95 | | 70 - 130 | 07/08/25 16:39 | 07/08/25 18:05 | 1 |
| 1,4-Difluorobenzene (Surr) | 93 | | 70 - 130 | 07/08/25 16:39 | 07/08/25 18:05 | 1 |

**Lab Sample ID: LCS 880-113793/1-A**
**Matrix: Solid**
**Analysis Batch: 113738**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 113793**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09175 | | mg/Kg | | 92 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.08885 | | mg/Kg | | 89 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.09915 | | mg/Kg | | 99 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2012 | | mg/Kg | | 101 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1014 | | mg/Kg | | 101 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 98 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 103 | | 70 - 130 |

**Lab Sample ID: LCSD 880-113793/2-A**
**Matrix: Solid**
**Analysis Batch: 113738**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 113793**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09426 | | mg/Kg | | 94 | 70 - 130 | 3 | 35 |
| Toluene | | | 0.100 | 0.09009 | | mg/Kg | | 90 | 70 - 130 | 1 | 35 |
| Ethylbenzene | | | 0.100 | 0.1008 | | mg/Kg | | 101 | 70 - 130 | 2 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2038 | | mg/Kg | | 102 | 70 - 130 | 1 | 35 |
| o-Xylene | | | 0.100 | 0.1026 | | mg/Kg | | 103 | 70 - 130 | 1 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 96 | | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

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

**Lab Sample ID: LCSD 880-113793/2-A**
**Matrix: Solid**
**Analysis Batch: 113738**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 113793**

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

**Lab Sample ID: 890-8385-A-1-E MS**
**Matrix: Solid**
**Analysis Batch: 113738**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 113793**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.08924 | | mg/Kg | | 89 | 70 - 130 |
| Toluene | <0.00200 | U | 0.100 | 0.08440 | | mg/Kg | | 84 | 70 - 130 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.09283 | | mg/Kg | | 91 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1865 | | mg/Kg | | 93 | 70 - 130 |
| o-Xylene | 0.00209 | | 0.100 | 0.09262 | | mg/Kg | | 91 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 102 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 93 | | 70 - 130 |

**Lab Sample ID: 890-8385-A-1-F MSD**
**Matrix: Solid**
**Analysis Batch: 113738**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 113793**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.09062 | | mg/Kg | | 91 | 70 - 130 | 2 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.08609 | | mg/Kg | | 86 | 70 - 130 | 2 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.09362 | | mg/Kg | | 92 | 70 - 130 | 1 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1873 | | mg/Kg | | 94 | 70 - 130 | 0 | 35 |
| o-Xylene | 0.00209 | | 0.100 | 0.09344 | | mg/Kg | | 91 | 70 - 130 | 1 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 93 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 |

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

**Lab Sample ID: MB 880-113733/1-A**
**Matrix: Solid**
**Analysis Batch: 113767**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 113733**

| 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 | | 07/08/25 07:59 | 07/08/25 09:13 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 07/08/25 07:59 | 07/08/25 09:13 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 07/08/25 07:59 | 07/08/25 09:13 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 125 | | 70 - 130 | 07/08/25 07:59 | 07/08/25 09:13 | 1 |
| o-Terphenyl (Surr) | 141 | S1+ | 70 - 130 | 07/08/25 07:59 | 07/08/25 09:13 | 1 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

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

**Lab Sample ID: LCS 880-113733/2-A**
**Matrix: Solid**
**Analysis Batch: 113767**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 113733**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1236 | | mg/Kg | | 124 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1264 | | mg/Kg | | 126 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *73* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *77* | | *70 - 130* |

**Lab Sample ID: LCSD 880-113733/3-A**
**Matrix: Solid**
**Analysis Batch: 113767**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 113733**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1204 | | mg/Kg | | 120 | 70 - 130 | 3 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1279 | | mg/Kg | | 128 | 70 - 130 | 1 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *73* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *79* | | *70 - 130* |

**Lab Sample ID: 890-8383-A-1-G MS**
**Matrix: Solid**
**Analysis Batch: 113767**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 113733**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 999 | 727.0 | | mg/Kg | | 73 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 712.5 | | mg/Kg | | 70 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *127* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *138* | *S1+* | *70 - 130* |

**Lab Sample ID: 890-8383-A-1-H MSD**
**Matrix: Solid**
**Analysis Batch: 113767**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 113733**

| 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 | 999 | 733.6 | | mg/Kg | | 73 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 712.7 | | mg/Kg | | 70 | 70 - 130 | 0 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *133* | *S1+* | *70 - 130* |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

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

**Lab Sample ID: 890-8383-A-1-H MSD**
**Matrix: Solid**
**Analysis Batch: 113767**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 113733**

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| o-Terphenyl (Surr) | 137 | S1+ | 70 - 130 |

**Lab Sample ID: MB 880-113734/1-A**
**Matrix: Solid**
**Analysis Batch: 113843**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 113734**

| 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 | | 07/08/25 07:59 | 07/09/25 23:47 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 07/08/25 07:59 | 07/09/25 23:47 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 07/08/25 07:59 | 07/09/25 23:47 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 96 | | 70 - 130 | 07/08/25 07:59 | 07/09/25 23:47 | 1 |
| o-Terphenyl (Surr) | 99 | | 70 - 130 | 07/08/25 07:59 | 07/09/25 23:47 | 1 |

**Lab Sample ID: LCS 880-113734/2-A**
**Matrix: Solid**
**Analysis Batch: 113843**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 113734**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 992.4 | | mg/Kg | | 99 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1069 | | mg/Kg | | 107 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 92 | | 70 - 130 |
| o-Terphenyl (Surr) | 106 | | 70 - 130 |

**Lab Sample ID: LCSD 880-113734/3-A**
**Matrix: Solid**
**Analysis Batch: 113843**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 113734**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1004 | | mg/Kg | | 100 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1069 | | mg/Kg | | 107 | 70 - 130 | 0 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 93 | | 70 - 130 |
| o-Terphenyl (Surr) | 107 | | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

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

**Lab Sample ID: 890-8390-2 MS**
**Matrix: Solid**
**Analysis Batch: 113843**

**Client Sample ID: H-2 (0-0.5)**
**Prep Type: Total/NA**
**Prep Batch: 113734**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 1000 | 912.4 | | mg/Kg | | 91 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 1000 | 1031 | | mg/Kg | | 103 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *96* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *108* | | *70 - 130* |

**Lab Sample ID: 890-8390-2 MSD**
**Matrix: Solid**
**Analysis Batch: 113843**

**Client Sample ID: H-2 (0-0.5)**
**Prep Type: Total/NA**
**Prep Batch: 113734**

| 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 | 1000 | 905.1 | | mg/Kg | | 91 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 1000 | 1032 | | mg/Kg | | 103 | 70 - 130 | 0 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *95* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *108* | | *70 - 130* |

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-113741/1-A**
**Matrix: Solid**
**Analysis Batch: 113745**

**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 | | | 07/08/25 10:29 | 1 |

**Lab Sample ID: LCS 880-113741/2-A**
**Matrix: Solid**
**Analysis Batch: 113745**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 251.9 | | mg/Kg | | 101 | 90 - 110 |

**Lab Sample ID: LCSD 880-113741/3-A**
**Matrix: Solid**
**Analysis Batch: 113745**

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

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 250 | 248.6 | | mg/Kg | | 99 | 90 - 110 | 1 | 20 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: 890-8390-1 MS**
**Matrix: Solid**
**Analysis Batch: 113745**

**Client Sample ID: H-1 (0-0.5)**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 104 | | 250 | 362.0 | | mg/Kg | | 103 | 90 - 110 |

**Lab Sample ID: 890-8390-1 MSD**
**Matrix: Solid**
**Analysis Batch: 113745**

**Client Sample ID: H-1 (0-0.5)**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 104 | | 250 | 360.0 | | mg/Kg | | 102 | 90 - 110 | 1 | 20 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

## GC VOA

### Analysis Batch: 113737

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8390-1 | H-1 (0-0.5) | Total/NA | Solid | 8021B | 113746 |
| 890-8390-2 | H-2 (0-0.5) | Total/NA | Solid | 8021B | 113746 |
| 890-8390-3 | H-3 (0-0.5) | Total/NA | Solid | 8021B | 113746 |
| MB 880-113746/5-A | Method Blank | Total/NA | Solid | 8021B | 113746 |
| LCS 880-113746/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 113746 |
| LCSD 880-113746/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 113746 |
| 890-8383-A-1-B MS | Matrix Spike | Total/NA | Solid | 8021B | 113746 |
| 890-8383-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 113746 |

### Analysis Batch: 113738

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8390-5 | H-5 (0-0.5) | Total/NA | Solid | 8021B | 113793 |
| 890-8390-6 | H-6 (0-0.5) | Total/NA | Solid | 8021B | 113793 |
| 890-8390-7 | H-7 (0-0.5) | Total/NA | Solid | 8021B | 113793 |
| MB 880-113793/5-A | Method Blank | Total/NA | Solid | 8021B | 113793 |
| LCS 880-113793/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 113793 |
| LCSD 880-113793/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 113793 |
| 890-8385-A-1-E MS | Matrix Spike | Total/NA | Solid | 8021B | 113793 |
| 890-8385-A-1-F MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 113793 |

### Analysis Batch: 113742

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8390-4 | H-4 (0-0.5) | Total/NA | Solid | 8021B | 113744 |
| MB 880-113744/5-A | Method Blank | Total/NA | Solid | 8021B | 113744 |
| LCS 880-113744/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 113744 |
| LCSD 880-113744/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 113744 |
| 890-8390-4 MS | H-4 (0-0.5) | Total/NA | Solid | 8021B | 113744 |
| 890-8390-4 MSD | H-4 (0-0.5) | Total/NA | Solid | 8021B | 113744 |

### Prep Batch: 113744

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8390-4 | H-4 (0-0.5) | Total/NA | Solid | 5035 | |
| MB 880-113744/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-113744/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-113744/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 890-8390-4 MS | H-4 (0-0.5) | Total/NA | Solid | 5035 | |
| 890-8390-4 MSD | H-4 (0-0.5) | Total/NA | Solid | 5035 | |

### Prep Batch: 113746

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8390-1 | H-1 (0-0.5) | Total/NA | Solid | 5035 | |
| 890-8390-2 | H-2 (0-0.5) | Total/NA | Solid | 5035 | |
| 890-8390-3 | H-3 (0-0.5) | Total/NA | Solid | 5035 | |
| MB 880-113746/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-113746/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-113746/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 890-8383-A-1-B MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 890-8383-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

## GC VOA

### Analysis Batch: 113788

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8390-1 | H-1 (0-0.5) | Total/NA | Solid | Total BTEX | |
| 890-8390-2 | H-2 (0-0.5) | Total/NA | Solid | Total BTEX | |
| 890-8390-3 | H-3 (0-0.5) | Total/NA | Solid | Total BTEX | |
| 890-8390-4 | H-4 (0-0.5) | Total/NA | Solid | Total BTEX | |
| 890-8390-5 | H-5 (0-0.5) | Total/NA | Solid | Total BTEX | |
| 890-8390-6 | H-6 (0-0.5) | Total/NA | Solid | Total BTEX | |
| 890-8390-7 | H-7 (0-0.5) | Total/NA | Solid | Total BTEX | |

### Prep Batch: 113793

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8390-5 | H-5 (0-0.5) | Total/NA | Solid | 5035 | |
| 890-8390-6 | H-6 (0-0.5) | Total/NA | Solid | 5035 | |
| 890-8390-7 | H-7 (0-0.5) | Total/NA | Solid | 5035 | |
| MB 880-113793/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-113793/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-113793/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 890-8385-A-1-E MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 890-8385-A-1-F MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

## GC Semi VOA

### Prep Batch: 113733

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8390-1 | H-1 (0-0.5) | Total/NA | Solid | 8015NM Prep | |
| MB 880-113733/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-113733/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-113733/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-8383-A-1-G MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 890-8383-A-1-H MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 113734

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8390-2 | H-2 (0-0.5) | Total/NA | Solid | 8015NM Prep | |
| 890-8390-3 | H-3 (0-0.5) | Total/NA | Solid | 8015NM Prep | |
| 890-8390-4 | H-4 (0-0.5) | Total/NA | Solid | 8015NM Prep | |
| 890-8390-5 | H-5 (0-0.5) | Total/NA | Solid | 8015NM Prep | |
| 890-8390-6 | H-6 (0-0.5) | Total/NA | Solid | 8015NM Prep | |
| 890-8390-7 | H-7 (0-0.5) | Total/NA | Solid | 8015NM Prep | |
| MB 880-113734/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-113734/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-113734/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-8390-2 MS | H-2 (0-0.5) | Total/NA | Solid | 8015NM Prep | |
| 890-8390-2 MSD | H-2 (0-0.5) | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 113767

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8390-1 | H-1 (0-0.5) | Total/NA | Solid | 8015B NM | 113733 |
| MB 880-113733/1-A | Method Blank | Total/NA | Solid | 8015B NM | 113733 |
| LCS 880-113733/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 113733 |
| LCSD 880-113733/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 113733 |
| 890-8383-A-1-G MS | Matrix Spike | Total/NA | Solid | 8015B NM | 113733 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

## GC Semi VOA (Continued)

### Analysis Batch: 113767 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8383-A-1-H MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 113733 |

### Analysis Batch: 113843

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8390-2 | H-2 (0-0.5) | Total/NA | Solid | 8015B NM | 113734 |
| 890-8390-3 | H-3 (0-0.5) | Total/NA | Solid | 8015B NM | 113734 |
| 890-8390-4 | H-4 (0-0.5) | Total/NA | Solid | 8015B NM | 113734 |
| 890-8390-5 | H-5 (0-0.5) | Total/NA | Solid | 8015B NM | 113734 |
| 890-8390-6 | H-6 (0-0.5) | Total/NA | Solid | 8015B NM | 113734 |
| 890-8390-7 | H-7 (0-0.5) | Total/NA | Solid | 8015B NM | 113734 |
| MB 880-113734/1-A | Method Blank | Total/NA | Solid | 8015B NM | 113734 |
| LCS 880-113734/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 113734 |
| LCSD 880-113734/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 113734 |
| 890-8390-2 MS | H-2 (0-0.5) | Total/NA | Solid | 8015B NM | 113734 |
| 890-8390-2 MSD | H-2 (0-0.5) | Total/NA | Solid | 8015B NM | 113734 |

### Analysis Batch: 113887

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8390-1 | H-1 (0-0.5) | Total/NA | Solid | 8015 NM | |
| 890-8390-2 | H-2 (0-0.5) | Total/NA | Solid | 8015 NM | |
| 890-8390-3 | H-3 (0-0.5) | Total/NA | Solid | 8015 NM | |
| 890-8390-4 | H-4 (0-0.5) | Total/NA | Solid | 8015 NM | |
| 890-8390-5 | H-5 (0-0.5) | Total/NA | Solid | 8015 NM | |
| 890-8390-6 | H-6 (0-0.5) | Total/NA | Solid | 8015 NM | |
| 890-8390-7 | H-7 (0-0.5) | Total/NA | Solid | 8015 NM | |

## HPLC/IC

### Leach Batch: 113741

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8390-1 | H-1 (0-0.5) | Soluble | Solid | DI Leach | |
| 890-8390-2 | H-2 (0-0.5) | Soluble | Solid | DI Leach | |
| 890-8390-3 | H-3 (0-0.5) | Soluble | Solid | DI Leach | |
| 890-8390-4 | H-4 (0-0.5) | Soluble | Solid | DI Leach | |
| 890-8390-5 | H-5 (0-0.5) | Soluble | Solid | DI Leach | |
| 890-8390-6 | H-6 (0-0.5) | Soluble | Solid | DI Leach | |
| 890-8390-7 | H-7 (0-0.5) | Soluble | Solid | DI Leach | |
| MB 880-113741/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-113741/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-113741/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 890-8390-1 MS | H-1 (0-0.5) | Soluble | Solid | DI Leach | |
| 890-8390-1 MSD | H-1 (0-0.5) | Soluble | Solid | DI Leach | |

### Analysis Batch: 113745

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8390-1 | H-1 (0-0.5) | Soluble | Solid | 300.0 | 113741 |
| 890-8390-2 | H-2 (0-0.5) | Soluble | Solid | 300.0 | 113741 |
| 890-8390-3 | H-3 (0-0.5) | Soluble | Solid | 300.0 | 113741 |
| 890-8390-4 | H-4 (0-0.5) | Soluble | Solid | 300.0 | 113741 |
| 890-8390-5 | H-5 (0-0.5) | Soluble | Solid | 300.0 | 113741 |
| 890-8390-6 | H-6 (0-0.5) | Soluble | Solid | 300.0 | 113741 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

## HPLC/IC (Continued)

### Analysis Batch: 113745 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8390-7 | H-7 (0-0.5) | Soluble | Solid | 300.0 | 113741 |
| MB 880-113741/1-A | Method Blank | Soluble | Solid | 300.0 | 113741 |
| LCS 880-113741/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 113741 |
| LCSD 880-113741/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 113741 |
| 890-8390-1 MS | H-1 (0-0.5) | Soluble | Solid | 300.0 | 113741 |
| 890-8390-1 MSD | H-1 (0-0.5) | Soluble | Solid | 300.0 | 113741 |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

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

**Lab Sample ID: 890-8390-1**
**Matrix: Solid**
**Date Collected: 07/07/25 00:00**
**Date Received: 07/07/25 15:22**

| 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 | 113746 | 07/08/25 09:43 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 113737 | 07/08/25 19:04 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 113788 | 07/08/25 19:04 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 113887 | 07/08/25 18:33 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 113733 | 07/08/25 08:04 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 113767 | 07/08/25 18:33 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 113741 | 07/08/25 08:44 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 113745 | 07/08/25 10:46 | CS | EET MID |

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

**Lab Sample ID: 890-8390-2**
**Matrix: Solid**
**Date Collected: 07/07/25 00:00**
**Date Received: 07/07/25 15:22**

| 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 | 113746 | 07/08/25 09:43 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 113737 | 07/08/25 19:25 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 113788 | 07/08/25 19:25 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 113887 | 07/10/25 00:36 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 113734 | 07/08/25 08:08 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 113843 | 07/10/25 00:36 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 113741 | 07/08/25 08:44 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 113745 | 07/08/25 11:03 | CS | EET MID |

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

**Lab Sample ID: 890-8390-3**
**Matrix: Solid**
**Date Collected: 07/07/25 00:00**
**Date Received: 07/07/25 15:22**

| 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 | 113746 | 07/08/25 09:43 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 113737 | 07/08/25 19:45 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 113788 | 07/08/25 19:45 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 113887 | 07/10/25 01:23 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 113734 | 07/08/25 08:08 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 113843 | 07/10/25 01:23 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 113741 | 07/08/25 08:44 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 113745 | 07/08/25 11:09 | CS | EET MID |

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

**Lab Sample ID: 890-8390-4**
**Matrix: Solid**
**Date Collected: 07/07/25 00:00**
**Date Received: 07/07/25 15:22**

| 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 | 113744 | 07/08/25 09:32 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 113742 | 07/08/25 12:03 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 113788 | 07/08/25 12:03 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

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

**Lab Sample ID: 890-8390-4**
**Matrix: Solid**
**Date Collected: 07/07/25 00:00**
**Date Received: 07/07/25 15:22**

| 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 | | | 113887 | 07/10/25 01:40 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 113734 | 07/08/25 08:08 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 113843 | 07/10/25 01:40 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 113741 | 07/08/25 08:44 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 113745 | 07/08/25 11:14 | CS | EET MID |

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

**Lab Sample ID: 890-8390-5**
**Matrix: Solid**
**Date Collected: 07/07/25 00:00**
**Date Received: 07/07/25 15:22**

| 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 | 113793 | 07/08/25 16:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 113738 | 07/08/25 18:47 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 113788 | 07/08/25 18:47 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 113887 | 07/10/25 01:56 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 113734 | 07/08/25 08:08 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 113843 | 07/10/25 01:56 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 113741 | 07/08/25 08:44 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 113745 | 07/08/25 11:20 | CS | EET MID |

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

**Lab Sample ID: 890-8390-6**
**Matrix: Solid**
**Date Collected: 07/07/25 00:00**
**Date Received: 07/07/25 15:22**

| 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 | 113793 | 07/08/25 16:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 113738 | 07/08/25 19:07 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 113788 | 07/08/25 19:07 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 113887 | 07/10/25 02:12 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 113734 | 07/08/25 08:08 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 113843 | 07/10/25 02:12 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 113741 | 07/08/25 08:44 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 113745 | 07/08/25 11:37 | CS | EET MID |

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

**Lab Sample ID: 890-8390-7**
**Matrix: Solid**
**Date Collected: 07/07/25 00:00**
**Date Received: 07/07/25 15:22**

| 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 | 113793 | 07/08/25 16:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 113738 | 07/08/25 19:28 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 113788 | 07/08/25 19:28 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 113887 | 07/10/25 02:27 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 113734 | 07/08/25 08:08 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 113843 | 07/10/25 02:27 | TKC | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

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

**Date Collected: 07/07/25 00:00**
**Date Received: 07/07/25 15:22**

## Lab Sample ID: 890-8390-7

**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 | | | 4.97 g | 50 mL | 113741 | 07/08/25 08:44 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 113745 | 07/08/25 11:43 | CS | EET MID |

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: Carmona Resources
Job ID: 890-8390-1
Project/Site: Riser 121 (06.29.2025)
SDG: 2783

## 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 |

# Method Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

| 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: Riser 121 (06.29.2025)

Job ID: 890-8390-1
SDG: 2783

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 890-8390-1 | H-1 (0-0.5) | Solid | 07/07/25 00:00 | 07/07/25 15:22 |
| 890-8390-2 | H-2 (0-0.5) | Solid | 07/07/25 00:00 | 07/07/25 15:22 |
| 890-8390-3 | H-3 (0-0.5) | Solid | 07/07/25 00:00 | 07/07/25 15:22 |
| 890-8390-4 | H-4 (0-0.5) | Solid | 07/07/25 00:00 | 07/07/25 15:22 |
| 890-8390-5 | H-5 (0-0.5) | Solid | 07/07/25 00:00 | 07/07/25 15:22 |
| 890-8390-6 | H-6 (0-0.5) | Solid | 07/07/25 00:00 | 07/07/25 15:22 |
| 890-8390-7 | H-7 (0-0.5) | Solid | 07/07/25 00:00 | 07/07/25 15:22 |

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# Chain of Custody

890-8390 Chain of Custody

7/10/2025

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ TST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | ☑ Routine ☐ Rush |
| Project Number: | 2783 | Due Date: | Normal |
| Project Location | Lea County, New Mexico | | |
| Sampler's Name: | JDC | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes No | Wet Ice: | Yes No |
| Received Intact: | Yes No | Thermometer ID: | IR007 |
| Cooler Custody Seals: | Yes No N/A | Correction Factor: | -0.2 |
| Sample Custody Seals: | Yes No N/A | Temperature Reading: | 0.0 |
| Total Containers: | | Corrected Temperature: | -0.2 |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2SO_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H-1 ( 0-0.5') | 7/7/2025 | | X | | Grab | 1 | | X | X | X | | |
| H-2 ( 0-0.5') | 7/7/2025 | | X | | Grab | 1 | | X | X | X | | |
| H-3 ( 0-0.5') | 7/7/2025 | | X | | Grab | 1 | | X | X | X | | |
| H-4 ( 0-0.5') | 7/7/2025 | | X | | Grab | 1 | | X | X | X | | |
| H-5 ( 0-0.5') | 7/7/2025 | | X | | Grab | 1 | | X | X | X | | |
| H-6 ( 0-0.5') | 7/7/2025 | | X | | Grab | 1 | | X | X | X | | |
| H-7 ( 0-0.5') | 7/7/2025 | | X | | Grab | 1 | | X | X | X | | |

**Comments:**

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | | | 15:22 7/7 |

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Received by OCD: 4/9/2026 10:32:47 AM

Released to Imaging: 4/30/2026 3:42:59 PM

# Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-8390-1
SDG Number: 2783

**Login Number: 8390**
**List Number: 1**
**Creator: Lopez, Abraham**

**List Source: Eurofins Carlsbad**

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

# Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-8390-1
SDG Number: 2783

**Login Number: 8390**
**List Number: 2**
**Creator: Vasquez, Julisa**

**List Source: Eurofins Midland**
**List Creation: 07/08/25 09:06 AM**

| 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 | |

eurofins | Environment Testing



# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 10/28/2025 11:08:57 AM

## JOB DESCRIPTION

Riser 121 (06.29.2025)
Lea County New Mexico

## JOB NUMBER

890-8974-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.



Released to Imaging: 4/30/2026 3:42:39 PM

my EOL

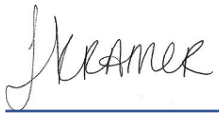
# Eurofins Carlsbad

## 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
10/28/2025 11:08:57 AM

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

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Laboratory Job ID: 890-8974-1
SDG: Lea County New Mexico

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# Definitions/Glossary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
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. |
| 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 |

# Case Narrative

Client: Carmona Resources
Project: Riser 121 (06.29.2025)

Job ID: 890-8974-1

## Job ID: 890-8974-1 Eurofins Carlsbad

**Job Narrative**
**890-8974-1**

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 10/21/2025 11:49 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 -14.6°C.

**Receipt Exceptions**
The following samples were received and analyzed from an unpreserved bulk soil jar: T-1 (0-1.0) (890-8974-1), T-1 (2.0) (890-8974-2), T-1 (3.0) (890-8974-3), T-1 (4.0) (890-8974-4), T-1 (5.0) (890-8974-5), T-1 (6.0) (890-8974-6), T-2 (0-1.0) (890-8974-7), T-2 (2.0) (890-8974-8), T-2 (3.0) (890-8974-9), T-2 (4.0) (890-8974-10), T-2 (5.0) (890-8974-11), T-2 (6.0) (890-8974-12), T-2 (7.0) (890-8974-13), T-2 (8.0) (890-8974-14), T-2 (9.0) (890-8974-15), T-2 (10) (890-8974-16), T-2 (11) (890-8974-17), T-2 (12) (890-8974-18), T-3 (0.1) (890-8974-19), T-3 (2.0) (890-8974-20), T-3 (3.0) (890-8974-21), T-3 (4.0) (890-8974-22), T-3 (5.0) (890-8974-23), T-3 (6.0) (890-8974-24), T-4 (0-1.0) (890-8974-25), T-4 (2.0) (890-8974-26), T-4 (3.0) (890-8974-27), T-4 (4.0) (890-8974-28), T-4 (5.0) (890-8974-29), T-4 (6.0) (890-8974-30), T-5 (0-1.0) (890-8974-31), T-5 (2.0) (890-8974-32), T-5 (3.0) (890-8974-33), T-5 (4.0) (890-8974-34), T-5 (5.0) (890-8974-35), T-5 (6.0) (890-8974-36), T-5 (7.0) (890-8974-37), T-5 (8.0) (890-8974-38), T-5 (9.0) (890-8974-39), T-5 (10) (890-8974-40), T-5 (11) (890-8974-41), T-5 (12) (890-8974-42), T-6 (0-1.0) (890-8974-43), T-6 (2.0) (890-8974-44), T-6 (3.0) (890-8974-45), T-6 (4.0) (890-8974-46), T-6 (5.0) (890-8974-47) and T-6 (6.0) (890-8974-48).

**GC VOA**
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-121792 and analytical batch 880-122027 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 for preparation batch 880-121789 and 880-121790 and analytical batch 880-122028 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-121789 and 880-121790 and analytical batch 880-122028 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-1 (3.0) (890-8974-3), T-1 (4.0) (890-8974-4), T-2 (4.0) (890-8974-10), T-2 (8.0) (890-8974-14), T-2 (9.0) (890-8974-15), T-2 (10) (890-8974-16), T-2 (12) (890-8974-18), T-4 (4.0) (890-8974-28), T-5 (3.0) (890-8974-33) and T-5 (10) (890-8974-40). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

**Diesel Range Organics**
Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-121749 and analytical batch 880-122062 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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-121748 and

# Case Narrative

Client: Carmona Resources
Project: Riser 121 (06.29.2025)

Job ID: 890-8974-1

## Job ID: 890-8974-1 (Continued) Eurofins Carlsbad

analytical batch 880-122062 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: T-2 (12) (890-8974-18) and (LCS 880-121747/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-121747 and analytical batch 880-122060 was outside the upper control limits.

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

**HPLC/IC**

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-121766 and analytical batch 880-121831 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.

The associated samples are: T-2 (11) (890-8974-17), T-2 (12) (890-8974-18), T-3 (0.1) (890-8974-19), T-3 (2.0) (890-8974-20), T-3 (3.0) (890-8974-21), T-3 (4.0) (890-8974-22), T-3 (5.0) (890-8974-23), T-3 (6.0) (890-8974-24), T-4 (0-1.0) (890-8974-25), T-4 (2.0) (890-8974-26), (890-8974-A-17-E MS) and (890-8974-A-17-F MSD).

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-121766 and analytical batch 880-121831 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.

The associated samples are: T-4 (3.0) (890-8974-27), T-4 (4.0) (890-8974-28), T-4 (5.0) (890-8974-29), T-4 (6.0) (890-8974-30), T-5 (0-1.0) (890-8974-31), T-5 (2.0) (890-8974-32), (890-8974-A-27-C MS) and (890-8974-A-27-D MSD).

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-121767 and analytical batch 880-121830 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.

The associated samples are: T-5 (3.0) (890-8974-33), T-5 (4.0) (890-8974-34), T-5 (5.0) (890-8974-35), T-5 (6.0) (890-8974-36), T-5 (7.0) (890-8974-37), T-5 (8.0) (890-8974-38), T-5 (9.0) (890-8974-39), T-5 (10) (890-8974-40), T-5 (11) (890-8974-41), T-5 (12) (890-8974-42), (890-8974-A-33-C MS) and (890-8974-A-33-D MSD).

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-121767 and analytical batch 880-121830 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.

The associated samples are: T-6 (0-1.0) (890-8974-43), T-6 (2.0) (890-8974-44), T-6 (3.0) (890-8974-45), T-6 (4.0) (890-8974-46), T-6 (5.0) (890-8974-47), T-6 (6.0) (890-8974-48), (890-8974-A-43-C MS) and (890-8974-A-43-D MSD).

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-121765 and analytical batch 880-121829 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.

The associated samples are: T-1 (0-1.0) (890-8974-1), T-1 (2.0) (890-8974-2), T-1 (3.0) (890-8974-3), T-1 (4.0) (890-8974-4), T-1 (5.0) (890-8974-5) and T-1 (6.0) (890-8974-6).

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike duplicate (MSD) recoveries for preparation batch 880-121765 and analytical batch 880-121829 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

The associated samples are: T-2 (0-1.0) (890-8974-7), T-2 (2.0) (890-8974-8), T-2 (3.0) (890-8974-9), T-2 (4.0) (890-8974-10), T-2 (5.0) (890-8974-11), T-2 (6.0) (890-8974-12), T-2 (7.0) (890-8974-13), T-2 (8.0) (890-8974-14), T-2 (9.0) (890-8974-15), T-2

# Case Narrative

Client: Carmona Resources
Project: Riser 121 (06.29.2025)

Job ID: 890-8974-1

## Job ID: 890-8974-1 (Continued) Eurofins Carlsbad

(10) (890-8974-16) and (890-8974-A-7-F MSD).

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

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-1 (0-1.0)

**Lab Sample ID: 890-8974-1**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/25/25 23:37 | 1 |
| Toluene | <0.00200 | U F1 | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/25/25 23:37 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/25/25 23:37 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:15 | 10/25/25 23:37 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/25/25 23:37 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:15 | 10/25/25 23:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *70 - 130* | *10/22/25 12:15* | *10/25/25 23:37* | *1* |
| *1,4-Difluorobenzene (Surr)* | *105* | | *70 - 130* | *10/22/25 12:15* | *10/25/25 23:37* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/25/25 23:37 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/27/25 14:21 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 14:21 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 14:21 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 14:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *98* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 14:21* | *1* |
| *o-Terphenyl (Surr)* | *120* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 14:21* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2290** | | 49.6 | | mg/Kg | | | 10/23/25 13:16 | 5 |

## Client Sample ID: T-1 (2.0)

**Lab Sample ID: 890-8974-2**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/25/25 23:57 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/25/25 23:57 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/25/25 23:57 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:15 | 10/25/25 23:57 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/25/25 23:57 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:15 | 10/25/25 23:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *121* | | *70 - 130* | *10/22/25 12:15* | *10/25/25 23:57* | *1* |
| *1,4-Difluorobenzene (Surr)* | *106* | | *70 - 130* | *10/22/25 12:15* | *10/25/25 23:57* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-1 (2.0)

**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

## Lab Sample ID: 890-8974-2

**Matrix: Solid**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/25/25 23:57 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/27/25 14:35 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 14:35 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 14:35 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 14:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *102* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 14:35* | *1* |
| *o-Terphenyl (Surr)* | *127* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 14:35* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3820** | | 49.7 | | mg/Kg | | | 10/23/25 13:33 | 5 |

## Client Sample ID: T-1 (3.0)

**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

## Lab Sample ID: 890-8974-3

**Matrix: Solid**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 00:17 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 00:17 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 00:17 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 00:17 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 00:17 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 00:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *191* | *S1+* | *70 - 130* | *10/22/25 12:15* | *10/26/25 00:17* | *1* |
| *1,4-Difluorobenzene (Surr)* | *125* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 00:17* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/26/25 00:17 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/27/25 14:50 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 14:50 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 14:50 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-1 (3.0)

**Lab Sample ID: 890-8974-3**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 14:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *98* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 14:50* | *1* |
| *o-Terphenyl (Surr)* | *124* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 14:50* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2690** | | 49.8 | | mg/Kg | | | 10/23/25 13:39 | 5 |

## Client Sample ID: T-1 (4.0)

**Lab Sample ID: 890-8974-4**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 00:38 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 00:38 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 00:38 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 00:38 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 00:38 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 00:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *151* | *S1+* | *70 - 130* | *10/22/25 12:15* | *10/26/25 00:38* | *1* |
| *1,4-Difluorobenzene (Surr)* | *113* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 00:38* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/26/25 00:38 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/27/25 15:03 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 15:03 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 15:03 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 15:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *98* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 15:03* | *1* |
| *o-Terphenyl (Surr)* | *119* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 15:03* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **4140** | | 50.0 | | mg/Kg | | | 10/23/25 13:45 | 5 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-1 (5.0)

**Lab Sample ID: 890-8974-5**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 00:58 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 00:58 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 00:58 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 00:58 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 00:58 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 00:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *126* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 00:58* | *1* |
| *1,4-Difluorobenzene (Surr)* | *115* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 00:58* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/26/25 00:58 | 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 | | | 10/27/25 15:18 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 15:18 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 15:18 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 15:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *96* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 15:18* | *1* |
| *o-Terphenyl (Surr)* | *117* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 15:18* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **4330** | | 49.6 | | mg/Kg | | | 10/23/25 13:51 | 5 |

## Client Sample ID: T-1 (6.0)

**Lab Sample ID: 890-8974-6**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 01:19 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 01:19 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 01:19 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 01:19 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 01:19 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 01:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *128* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 01:19* | *1* |
| *1,4-Difluorobenzene (Surr)* | *115* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 01:19* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-1 (6.0)

**Lab Sample ID: 890-8974-6**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/26/25 01:19 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 10/27/25 15:32 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 15:32 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 15:32 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 15:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *104* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 15:32* | *1* |
| *o-Terphenyl (Surr)* | *128* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 15:32* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3560** | | 49.5 | | mg/Kg | | | 10/23/25 13:57 | 5 |

## Client Sample ID: T-2 (0-1.0)

**Lab Sample ID: 890-8974-7**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 01:39 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 01:39 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 01:39 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 01:39 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 01:39 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 01:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *125* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 01:39* | *1* |
| *1,4-Difluorobenzene (Surr)* | *112* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 01:39* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 10/26/25 01:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/27/25 15:46 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 15:46 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 15:46 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-2 (0-1.0)

**Lab Sample ID: 890-8974-7**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 15:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *94* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 15:46* | *1* |
| *o-Terphenyl (Surr)* | *119* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 15:46* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3310** | **F1** | 49.8 | | mg/Kg | | | 10/23/25 14:03 | 5 |

## Client Sample ID: T-2 (2.0)

**Lab Sample ID: 890-8974-8**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 02:00 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 02:00 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 02:00 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 02:00 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 02:00 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 02:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *129* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 02:00* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 02:00* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/26/25 02:00 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/27/25 16:01 | 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 | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 16:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 16:01 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 16:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *103* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 16:01* | *1* |
| *o-Terphenyl (Surr)* | *126* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 16:01* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **7570** | | 100 | | mg/Kg | | | 10/23/25 14:20 | 10 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-2 (3.0)

**Lab Sample ID: 890-8974-9**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 02:20 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 02:20 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 02:20 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 02:20 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 02:20 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 02:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *127* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 02:20* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 02:20* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/26/25 02:20 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/27/25 16:15 | 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 | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 16:15 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 16:15 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 16:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 16:15* | *1* |
| *o-Terphenyl (Surr)* | *126* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 16:15* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **8510** | | 101 | | mg/Kg | | | 10/23/25 14:26 | 10 |

## Client Sample ID: T-2 (4.0)

**Lab Sample ID: 890-8974-10**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 02:40 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 02:40 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 02:40 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 02:40 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 02:40 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 02:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *134* | *S1+* | *70 - 130* | *10/22/25 12:15* | *10/26/25 02:40* | *1* |
| *1,4-Difluorobenzene (Surr)* | *112* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 02:40* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-2 (4.0)

**Lab Sample ID: 890-8974-10**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 10/26/25 02:40 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/27/25 16:44 | 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 | | 10/22/25 08:26 | 10/27/25 16:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 16:44 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 16:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *96* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 16:44* | *1* |
| *o-Terphenyl (Surr)* | *119* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 16:44* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **8390** | | 101 | | mg/Kg | | | 10/23/25 14:44 | 10 |

## Client Sample ID: T-2 (5.0)

**Lab Sample ID: 890-8974-11**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 04:31 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 04:31 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 04:31 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 04:31 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 04:31 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 04:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 04:31* | *1* |
| *1,4-Difluorobenzene (Surr)* | *107* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 04:31* | *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 | | | 10/26/25 04:31 | 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 | | | 10/27/25 16:58 | 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 | | 10/22/25 08:26 | 10/27/25 16:58 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 16:58 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-2 (5.0)

**Lab Sample ID: 890-8974-11**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 16:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *97* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 16:58* | *1* |
| *o-Terphenyl (Surr)* | *120* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 16:58* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **11100** | | 99.4 | | mg/Kg | | | 10/23/25 14:50 | 10 |

## Client Sample ID: T-2 (6.0)

**Lab Sample ID: 890-8974-12**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 04:51 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 04:51 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 04:51 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 04:51 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 04:51 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 04:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *117* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 04:51* | *1* |
| *1,4-Difluorobenzene (Surr)* | *112* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 04:51* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/26/25 04:51 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 10/27/25 17:12 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 17:12 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 17:12 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 17:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *99* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 17:12* | *1* |
| *o-Terphenyl (Surr)* | *120* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 17:12* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **10300** | | 99.6 | | mg/Kg | | | 10/23/25 14:55 | 10 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-2 (7.0)

**Lab Sample ID: 890-8974-13**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 05:11 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 05:11 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 05:11 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 05:11 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 05:11 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 05:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *130* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 05:11* | *1* |
| *1,4-Difluorobenzene (Surr)* | *114* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 05:11* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/26/25 05:11 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/27/25 17:28 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 17:28 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 17:28 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 17:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *92* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 17:28* | *1* |
| *o-Terphenyl (Surr)* | *114* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 17:28* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **6880** | | 99.0 | | mg/Kg | | | 10/23/25 15:01 | 10 |

## Client Sample ID: T-2 (8.0)

**Lab Sample ID: 890-8974-14**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 05:32 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 05:32 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 05:32 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 05:32 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 05:32 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 05:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *132* | *S1+* | *70 - 130* | *10/22/25 12:15* | *10/26/25 05:32* | *1* |
| *1,4-Difluorobenzene (Surr)* | *114* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 05:32* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-2 (8.0)

**Lab Sample ID: 890-8974-14**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/26/25 05:32 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/27/25 17:42 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 17:42 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 17:42 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 17:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 17:42* | *1* |
| *o-Terphenyl (Surr)* | *123* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 17:42* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **7420** | | 100 | | mg/Kg | | | 10/23/25 15:07 | 10 |

## Client Sample ID: T-2 (9.0)

**Lab Sample ID: 890-8974-15**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 05:52 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 05:52 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 05:52 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 05:52 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 05:52 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 05:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *192* | *S1+* | *70 - 130* | *10/22/25 12:15* | *10/26/25 05:52* | *1* |
| *1,4-Difluorobenzene (Surr)* | *127* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 05:52* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | | 10/26/25 05:52 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/27/25 17:56 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 17:56 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 17:56 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-2 (9.0)

**Lab Sample ID: 890-8974-15**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 17:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 17:56* | *1* |
| *o-Terphenyl (Surr)* | *124* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 17:56* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **7550** | | 101 | | mg/Kg | | | 10/23/25 15:13 | 10 |

## Client Sample ID: T-2 (10)

**Lab Sample ID: 890-8974-16**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 06:13 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 06:13 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 06:13 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 06:13 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 06:13 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 06:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *191* | *S1+* | *70 - 130* | *10/22/25 12:15* | *10/26/25 06:13* | *1* |
| *1,4-Difluorobenzene (Surr)* | *123* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 06:13* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/26/25 06:13 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/27/25 18:11 | 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 | | 10/22/25 08:26 | 10/27/25 18:11 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 18:11 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 18:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *94* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 18:11* | *1* |
| *o-Terphenyl (Surr)* | *118* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 18:11* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **6440** | | 101 | | mg/Kg | | | 10/23/25 15:19 | 10 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-2 (11)

**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

## Lab Sample ID: 890-8974-17

**Matrix: Solid**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 06:33 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 06:33 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 06:33 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 06:33 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 06:33 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 06:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *122* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 06:33* | *1* |
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 06:33* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/26/25 06:33 | 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 | | | 10/27/25 18:24 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 18:24 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 18:24 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 18:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *99* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 18:24* | *1* |
| *o-Terphenyl (Surr)* | *123* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 18:24* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3580** | **F1** | 49.5 | | mg/Kg | | | 10/23/25 09:38 | 5 |

## Client Sample ID: T-2 (12)

**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

## Lab Sample ID: 890-8974-18

**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 | | 10/22/25 12:15 | 10/26/25 06:54 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 06:54 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 06:54 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 06:54 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 06:54 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 06:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *141* | *S1+* | *70 - 130* | *10/22/25 12:15* | *10/26/25 06:54* | *1* |
| *1,4-Difluorobenzene (Surr)* | *118* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 06:54* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-2 (12)

**Lab Sample ID: 890-8974-18**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/26/25 06:54 | 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 | | | 10/27/25 18:39 | 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 | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 18:39 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 18:39 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 18:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *108* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 18:39* | *1* |
| *o-Terphenyl (Surr)* | *133* | *S1+* | *70 - 130* | *10/22/25 08:26* | *10/27/25 18:39* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **4940** | | 49.8 | | mg/Kg | | | 10/23/25 09:56 | 5 |

## Client Sample ID: T-3 (0.1)

**Lab Sample ID: 890-8974-19**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 07:14 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 07:14 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 07:14 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 07:14 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 07:14 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 07:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *126* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 07:14* | *1* |
| *1,4-Difluorobenzene (Surr)* | *114* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 07:14* | *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 | | | 10/26/25 07:14 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/27/25 18:53 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 18:53 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 18:53 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-3 (0.1)

**Lab Sample ID: 890-8974-19**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 18:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 18:53* | *1* |
| *o-Terphenyl (Surr)* | *123* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 18:53* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3400** | | 49.9 | | mg/Kg | | | 10/23/25 10:02 | 5 |

## Client Sample ID: T-3 (2.0)

**Lab Sample ID: 890-8974-20**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 07:34 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 07:34 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 07:34 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 07:34 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 07:34 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:15 | 10/26/25 07:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *124* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 07:34* | *1* |
| *1,4-Difluorobenzene (Surr)* | *115* | | *70 - 130* | *10/22/25 12:15* | *10/26/25 07:34* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/26/25 07:34 | 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 | | | 10/27/25 20:38 | 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 | <50.0 | U F1 | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 20:38 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 20:38 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 20:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *84* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 20:38* | *1* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 20:38* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3860** | | 49.7 | | mg/Kg | | | 10/23/25 10:08 | 5 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-3 (3.0)

**Lab Sample ID: 890-8974-21**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 11:12 | 1 |
| Toluene | <0.00200 | U F1 | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 11:12 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 11:12 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 11:12 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 11:12 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 11:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 11:12* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 11:12* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/26/25 11:12 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 10/27/25 21:20 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 21:20 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 21:20 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 21:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *88* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 21:20* | *1* |
| *o-Terphenyl (Surr)* | *108* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 21:20* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **6170** | | 99.6 | | mg/Kg | | | 10/23/25 10:14 | 10 |

## Client Sample ID: T-3 (4.0)

**Lab Sample ID: 890-8974-22**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 11:33 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 11:33 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 11:33 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 11:33 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 11:33 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 11:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 11:33* | *1* |
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 11:33* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-3 (4.0)

**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

## Lab Sample ID: 890-8974-22

**Matrix: Solid**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/26/25 11:33 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/27/25 21:36 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 21:36 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 21:36 | 1 |
| Oil Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 21:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *85* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 21:36* | *1* |
| *o-Terphenyl (Surr)* | *102* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 21:36* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **5350** | | 99.2 | | mg/Kg | | | 10/23/25 10:31 | 10 |

## Client Sample ID: T-3 (5.0)

**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

## Lab Sample ID: 890-8974-23

**Matrix: Solid**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 11:53 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 11:53 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 11:53 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 11:53 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 11:53 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 11:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *118* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 11:53* | *1* |
| *1,4-Difluorobenzene (Surr)* | *107* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 11:53* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/26/25 11:53 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/27/25 21:49 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 21:49 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 21:49 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-3 (5.0)

**Lab Sample ID: 890-8974-23**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 21:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *80* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 21:49* | *1* |
| *o-Terphenyl (Surr)* | *99* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 21:49* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **5220** | | 99.4 | | mg/Kg | | | 10/23/25 10:37 | 10 |

## Client Sample ID: T-3 (6.0)

**Lab Sample ID: 890-8974-24**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 12:14 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 12:14 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 12:14 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 12:14 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 12:14 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 12:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *120* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 12:14* | *1* |
| *1,4-Difluorobenzene (Surr)* | *113* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 12:14* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/26/25 12:14 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/27/25 22:04 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 22:04 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 22:04 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 22:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *81* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 22:04* | *1* |
| *o-Terphenyl (Surr)* | *98* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 22:04* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **182** | | 9.98 | | mg/Kg | | | 10/23/25 10:43 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-4 (0-1.0)

**Lab Sample ID: 890-8974-25**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 12:34 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 12:34 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 12:34 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 12:34 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 12:34 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 12:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *129* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 12:34* | *1* |
| *1,4-Difluorobenzene (Surr)* | *117* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 12:34* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/26/25 12:34 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 10/27/25 22:18 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 22:18 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 22:18 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 22:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *79* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 22:18* | *1* |
| *o-Terphenyl (Surr)* | *97* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 22:18* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **4320** | | 50.2 | | mg/Kg | | | 10/23/25 10:49 | 5 |

## Client Sample ID: T-4 (2.0)

**Lab Sample ID: 890-8974-26**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 12:54 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 12:54 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 12:54 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 12:54 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 12:54 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 12:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *123* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 12:54* | *1* |
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 12:54* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-4 (2.0)

**Lab Sample ID: 890-8974-26**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/26/25 12:54 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/27/25 22:32 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 22:32 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 22:32 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 22:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *81* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 22:32* | *1* |
| *o-Terphenyl (Surr)* | *103* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 22:32* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **6980** | | 101 | | mg/Kg | | | 10/23/25 10:55 | 10 |

## Client Sample ID: T-4 (3.0)

**Lab Sample ID: 890-8974-27**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 13:15 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 13:15 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 13:15 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 13:15 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 13:15 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 13:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *124* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 13:15* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 13:15* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 10/26/25 13:15 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/27/25 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 | | 10/22/25 08:27 | 10/27/25 22:47 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 22:47 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-4 (3.0)

**Lab Sample ID: 890-8974-27**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 22:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *86* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 22:47* | *1* |
| *o-Terphenyl (Surr)* | *103* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 22:47* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **6490** | **F1** | 99.4 | | mg/Kg | | | 10/23/25 11:01 | 10 |

## Client Sample ID: T-4 (4.0)

**Lab Sample ID: 890-8974-28**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 13:35 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 13:35 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 13:35 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 13:35 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 13:35 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 13:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *140* | *S1+* | *70 - 130* | *10/22/25 12:17* | *10/26/25 13:35* | *1* |
| *1,4-Difluorobenzene (Surr)* | *113* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 13:35* | *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 | | | 10/26/25 13:35 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/27/25 23:01 | 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 | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 23:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 23:01 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 23:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *86* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 23:01* | *1* |
| *o-Terphenyl (Surr)* | *108* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 23:01* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2240** | | 49.6 | | mg/Kg | | | 10/23/25 11:18 | 5 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-4 (5.0)

**Lab Sample ID: 890-8974-29**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 13:55 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 13:55 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 13:55 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 13:55 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 13:55 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 13:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *126* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 13:55* | *1* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 13:55* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/26/25 13:55 | 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 | | | 10/27/25 23:16 | 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 | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 23:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 23:16 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 23:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *88* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 23:16* | *1* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 23:16* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **513** | | 9.94 | | mg/Kg | | | 10/23/25 11:24 | 1 |

## Client Sample ID: T-4 (6.0)

**Lab Sample ID: 890-8974-30**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 14:16 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 14:16 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 14:16 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 14:16 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 14:16 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 14:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *120* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 14:16* | *1* |
| *1,4-Difluorobenzene (Surr)* | *108* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 14:16* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-4 (6.0)

**Lab Sample ID: 890-8974-30**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 10/26/25 14:16 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 10/27/25 23:45 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 23:45 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 23:45 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 23:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *85* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 23:45* | *1* |
| *o-Terphenyl (Surr)* | *102* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 23:45* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **192** | | 9.96 | | mg/Kg | | | 10/23/25 11:42 | 1 |

## Client Sample ID: T-5 (0-1.0)

**Lab Sample ID: 890-8974-31**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 16:06 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 16:06 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 16:06 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 16:06 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 16:06 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 16:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 16:06* | *1* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 16:06* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/26/25 16:06 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 10/27/25 23:59 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 23:59 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 23:59 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-5 (0-1.0)

**Lab Sample ID: 890-8974-31**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 23:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *81* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 23:59* | *1* |
| *o-Terphenyl (Surr)* | *101* | | *70 - 130* | *10/22/25 08:27* | *10/27/25 23:59* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **447** | | 9.90 | | mg/Kg | | | 10/23/25 11:48 | 1 |

## Client Sample ID: T-5 (2.0)

**Lab Sample ID: 890-8974-32**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 16:27 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 16:27 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 16:27 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 16:27 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 16:27 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 16:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *128* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 16:27* | *1* |
| *1,4-Difluorobenzene (Surr)* | *107* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 16:27* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/26/25 16:27 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/28/25 00:14 | 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 | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 00:14 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 00:14 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 00:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *85* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 00:14* | *1* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 00:14* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **582** | | 9.90 | | mg/Kg | | | 10/23/25 11:53 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-5 (3.0)

**Lab Sample ID: 890-8974-33**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 16:47 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 16:47 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 16:47 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 16:47 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 16:47 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 16:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *142* | *S1+* | *70 - 130* | *10/22/25 12:17* | *10/26/25 16:47* | *1* |
| *1,4-Difluorobenzene (Surr)* | *117* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 16:47* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/26/25 16:47 | 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 | | | 10/28/25 00:28 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 00:28 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 00:28 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 00:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *89* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 00:28* | *1* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 00:28* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2160** | **F1** | 50.2 | | mg/Kg | | | 10/23/25 13:29 | 5 |

## Client Sample ID: T-5 (4.0)

**Lab Sample ID: 890-8974-34**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 17:08 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 17:08 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 17:08 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 17:08 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 17:08 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 17:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *122* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 17:08* | *1* |
| *1,4-Difluorobenzene (Surr)* | *108* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 17:08* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-5 (4.0)

**Lab Sample ID: 890-8974-34**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/26/25 17:08 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/28/25 00:42 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 00:42 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 00:42 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 00:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *81* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 00:42* | *1* |
| *o-Terphenyl (Surr)* | *99* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 00:42* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3350** | | 50.5 | | mg/Kg | | | 10/23/25 13:45 | 5 |

## Client Sample ID: T-5 (5.0)

**Lab Sample ID: 890-8974-35**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 17:28 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 17:28 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 17:28 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 17:28 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 17:28 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 17:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *130* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 17:28* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 17:28* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | | 10/26/25 17:28 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/28/25 00:56 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 00:56 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 00:56 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-5 (5.0)

**Lab Sample ID: 890-8974-35**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 00:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *80* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 00:56* | *1* |
| *o-Terphenyl (Surr)* | *99* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 00:56* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **7800** | | 99.2 | | mg/Kg | | | 10/23/25 13:50 | 10 |

## Client Sample ID: T-5 (6.0)

**Lab Sample ID: 890-8974-36**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 17:49 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 17:49 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 17:49 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 17:49 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 17:49 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 17:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *127* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 17:49* | *1* |
| *1,4-Difluorobenzene (Surr)* | *108* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 17:49* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/26/25 17:49 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/28/25 01:10 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 01:10 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 01:10 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 01:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *81* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 01:10* | *1* |
| *o-Terphenyl (Surr)* | *97* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 01:10* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **10200** | | 99.6 | | mg/Kg | | | 10/23/25 13:56 | 10 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-5 (7.0)

**Lab Sample ID: 890-8974-37**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 18:09 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 18:09 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 18:09 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 18:09 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 18:09 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 18:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *125* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 18:09* | *1* |
| *1,4-Difluorobenzene (Surr)* | *113* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 18:09* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/26/25 18:09 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/28/25 01:25 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 01:25 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 01:25 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 01:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *84* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 01:25* | *1* |
| *o-Terphenyl (Surr)* | *99* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 01:25* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **10500** | | 99.8 | | mg/Kg | | | 10/23/25 14:01 | 10 |

## Client Sample ID: T-5 (8.0)

**Lab Sample ID: 890-8974-38**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 18:30 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 18:30 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 18:30 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 18:30 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 18:30 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 18:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *119* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 18:30* | *1* |
| *1,4-Difluorobenzene (Surr)* | *112* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 18:30* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-5 (8.0)

**Lab Sample ID: 890-8974-38**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/26/25 18:30 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 10/28/25 01:39 | 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 | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 01:39 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 01:39 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 01:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *82* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 01:39* | *1* |
| *o-Terphenyl (Surr)* | *100* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 01:39* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **8970** | | 99.4 | | mg/Kg | | | 10/23/25 14:17 | 10 |

## Client Sample ID: T-5 (9.0)

**Lab Sample ID: 890-8974-39**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 18:50 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 18:50 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 18:50 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 18:50 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 18:50 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 18:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *126* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 18:50* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 18:50* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/26/25 18:50 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/28/25 01:54 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 01:54 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 01:54 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-5 (9.0)

**Lab Sample ID: 890-8974-39**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 01:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *83* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 01:54* | *1* |
| *o-Terphenyl (Surr)* | *97* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 01:54* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **10100** | | 100 | | mg/Kg | | | 10/23/25 14:22 | 10 |

## Client Sample ID: T-5 (10)

**Lab Sample ID: 890-8974-40**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 19:10 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 19:10 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 19:10 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 19:10 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 19:10 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 19:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *131* | *S1+* | *70 - 130* | *10/22/25 12:17* | *10/26/25 19:10* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 19:10* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/26/25 19:10 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/28/25 03:49 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U F1 | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 03:49 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 03:49 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 03:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *86* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 03:49* | *1* |
| *o-Terphenyl (Surr)* | *102* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 03:49* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **10300** | | 101 | | mg/Kg | | | 10/23/25 14:27 | 10 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-5 (11)

**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

## Lab Sample ID: 890-8974-41

**Matrix: Solid**

### 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 | | 10/22/25 12:25 | 10/26/25 20:28 | 1 |
| Toluene | <0.00200 | U F1 *- | 0.00200 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 20:28 | 1 |
| Ethylbenzene | <0.00200 | U F1 *- | 0.00200 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 20:28 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U F1 *- | 0.00399 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 20:28 | 1 |
| o-Xylene | <0.00200 | U F1 *- | 0.00200 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 20:28 | 1 |
| Xylenes, Total | <0.00399 | U F1 *- | 0.00399 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 20:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *70 - 130* | *10/22/25 12:25* | *10/26/25 20:28* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *10/22/25 12:25* | *10/26/25 20:28* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/26/25 20:28 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/28/25 04:32 | 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 | | 10/22/25 08:27 | 10/28/25 04:32 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 04:32 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 04:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *87* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 04:32* | *1* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 04:32* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **9520** | | 101 | | mg/Kg | | | 10/23/25 14:32 | 10 |

## Client Sample ID: T-5 (12)

**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

## Lab Sample ID: 890-8974-42

**Matrix: Solid**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U *- | 0.00201 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 20:48 | 1 |
| Toluene | <0.00201 | U *- | 0.00201 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 20:48 | 1 |
| Ethylbenzene | <0.00201 | U *- | 0.00201 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 20:48 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U *- | 0.00402 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 20:48 | 1 |
| o-Xylene | <0.00201 | U *- | 0.00201 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 20:48 | 1 |
| Xylenes, Total | <0.00402 | U *- | 0.00402 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 20:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *70 - 130* | *10/22/25 12:25* | *10/26/25 20:48* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *10/22/25 12:25* | *10/26/25 20:48* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-5 (12)

**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

**Lab Sample ID: 890-8974-42**
**Matrix: Solid**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/26/25 20:48 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/28/25 04:46 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 04:46 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 04:46 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 04:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *89* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 04:46* | *1* |
| *o-Terphenyl (Surr)* | *109* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 04:46* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **7890** | | 99.6 | | mg/Kg | | | 10/23/25 14:38 | 10 |

## Client Sample ID: T-6 (0-1.0)

**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

**Lab Sample ID: 890-8974-43**
**Matrix: Solid**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U *- | 0.00201 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 21:08 | 1 |
| Toluene | <0.00201 | U *- | 0.00201 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 21:08 | 1 |
| Ethylbenzene | <0.00201 | U *- | 0.00201 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 21:08 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U *- | 0.00402 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 21:08 | 1 |
| o-Xylene | <0.00201 | U *- | 0.00201 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 21:08 | 1 |
| Xylenes, Total | <0.00402 | U *- | 0.00402 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 21:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *109* | | *70 - 130* | *10/22/25 12:25* | *10/26/25 21:08* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *10/22/25 12:25* | *10/26/25 21:08* | *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 | | | 10/26/25 21:08 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/28/25 05:01 | 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 | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 05:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 05:01 | 1 |

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# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-6 (0-1.0)

**Lab Sample ID: 890-8974-43**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 05:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *88* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 05:01* | *1* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 05:01* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **4170** | **F1** | 49.9 | | mg/Kg | | | 10/23/25 14:43 | 5 |

## Client Sample ID: T-6 (2.0)

**Lab Sample ID: 890-8974-44**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U *- | 0.00199 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 21:29 | 1 |
| Toluene | <0.00199 | U *- | 0.00199 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 21:29 | 1 |
| Ethylbenzene | <0.00199 | U *- | 0.00199 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 21:29 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U *- | 0.00398 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 21:29 | 1 |
| o-Xylene | <0.00199 | U *- | 0.00199 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 21:29 | 1 |
| Xylenes, Total | <0.00398 | U *- | 0.00398 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 21:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *108* | | *70 - 130* | *10/22/25 12:25* | *10/26/25 21:29* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *10/22/25 12:25* | *10/26/25 21:29* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/26/25 21:29 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/28/25 05:15 | 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 | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 05:15 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 05:15 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 05:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *84* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 05:15* | *1* |
| *o-Terphenyl (Surr)* | *103* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 05:15* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **6030** | | 99.2 | | mg/Kg | | | 10/23/25 14:59 | 10 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-6 (3.0)

**Lab Sample ID: 890-8974-45**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U *- | 0.00200 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 21:49 | 1 |
| Toluene | <0.00200 | U *- | 0.00200 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 21:49 | 1 |
| Ethylbenzene | <0.00200 | U *- | 0.00200 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 21:49 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U *- | 0.00399 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 21:49 | 1 |
| o-Xylene | <0.00200 | U *- | 0.00200 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 21:49 | 1 |
| Xylenes, Total | <0.00399 | U *- | 0.00399 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 21:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *105* | | *70 - 130* | *10/22/25 12:25* | *10/26/25 21:49* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *10/22/25 12:25* | *10/26/25 21:49* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/26/25 21:49 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/28/25 05:30 | 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 | | 10/22/25 08:27 | 10/28/25 05:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 05:30 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 05:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *85* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 05:30* | *1* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 05:30* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **4800** | | 49.5 | | mg/Kg | | | 10/23/25 15:04 | 5 |

## Client Sample ID: T-6 (4.0)

**Lab Sample ID: 890-8974-46**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U *- | 0.00201 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 22:10 | 1 |
| Toluene | <0.00201 | U *- | 0.00201 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 22:10 | 1 |
| Ethylbenzene | <0.00201 | U *- | 0.00201 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 22:10 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U *- | 0.00402 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 22:10 | 1 |
| o-Xylene | <0.00201 | U *- | 0.00201 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 22:10 | 1 |
| Xylenes, Total | <0.00402 | U *- | 0.00402 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 22:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *108* | | *70 - 130* | *10/22/25 12:25* | *10/26/25 22:10* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *10/22/25 12:25* | *10/26/25 22:10* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-6 (4.0)

**Lab Sample ID: 890-8974-46**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/26/25 22:10 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 10/28/25 05:45 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 05:45 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 05:45 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 05:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *92* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 05:45* | *1* |
| *o-Terphenyl (Surr)* | *111* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 05:45* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3730** | | 50.0 | | mg/Kg | | | 10/23/25 15:20 | 5 |

## Client Sample ID: T-6 (5.0)

**Lab Sample ID: 890-8974-47**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U *- | 0.00202 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 22:30 | 1 |
| Toluene | <0.00202 | U *- | 0.00202 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 22:30 | 1 |
| Ethylbenzene | <0.00202 | U *- | 0.00202 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 22:30 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U *- | 0.00403 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 22:30 | 1 |
| o-Xylene | <0.00202 | U *- | 0.00202 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 22:30 | 1 |
| Xylenes, Total | <0.00403 | U *- | 0.00403 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 22:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *106* | | *70 - 130* | *10/22/25 12:25* | *10/26/25 22:30* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *10/22/25 12:25* | *10/26/25 22:30* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 10/26/25 22:30 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/28/25 05:58 | 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 | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 05:58 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 05:58 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-6 (5.0)

**Lab Sample ID: 890-8974-47**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 05:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *83* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 05:58* | *1* |
| *o-Terphenyl (Surr)* | *101* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 05:58* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1240** | | 10.1 | | mg/Kg | | | 10/23/25 15:25 | 1 |

## Client Sample ID: T-6 (6.0)

**Lab Sample ID: 890-8974-48**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U *- | 0.00200 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 22:50 | 1 |
| Toluene | <0.00200 | U *- | 0.00200 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 22:50 | 1 |
| Ethylbenzene | <0.00200 | U *- | 0.00200 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 22:50 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U *- | 0.00399 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 22:50 | 1 |
| o-Xylene | <0.00200 | U *- | 0.00200 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 22:50 | 1 |
| Xylenes, Total | <0.00399 | U *- | 0.00399 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 22:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *106* | | *70 - 130* | *10/22/25 12:25* | *10/26/25 22:50* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *10/22/25 12:25* | *10/26/25 22:50* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/26/25 22:50 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/28/25 06:12 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 06:12 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 06:12 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 06:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *84* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 06:12* | *1* |
| *o-Terphenyl (Surr)* | *99* | | *70 - 130* | *10/22/25 08:27* | *10/28/25 06:12* | *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 | | | 10/23/25 15:30 | 1 |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
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) | | | | | | | | | | |
| 890-8974-1 | T-1 (0-1.0) | 93 | 105 | | | | | | | | | | |
| 890-8974-1 MS | T-1 (0-1.0) | 95 | 96 | | | | | | | | | | |
| 890-8974-1 MSD | T-1 (0-1.0) | 99 | 99 | | | | | | | | | | |
| 890-8974-2 | T-1 (2.0) | 121 | 106 | | | | | | | | | | |
| 890-8974-3 | T-1 (3.0) | 191 S1+ | 125 | | | | | | | | | | |
| 890-8974-4 | T-1 (4.0) | 151 S1+ | 113 | | | | | | | | | | |
| 890-8974-5 | T-1 (5.0) | 126 | 115 | | | | | | | | | | |
| 890-8974-6 | T-1 (6.0) | 128 | 115 | | | | | | | | | | |
| 890-8974-7 | T-2 (0-1.0) | 125 | 112 | | | | | | | | | | |
| 890-8974-8 | T-2 (2.0) | 129 | 110 | | | | | | | | | | |
| 890-8974-9 | T-2 (3.0) | 127 | 110 | | | | | | | | | | |
| 890-8974-10 | T-2 (4.0) | 134 S1+ | 112 | | | | | | | | | | |
| 890-8974-11 | T-2 (5.0) | 96 | 107 | | | | | | | | | | |
| 890-8974-12 | T-2 (6.0) | 117 | 112 | | | | | | | | | | |
| 890-8974-13 | T-2 (7.0) | 130 | 114 | | | | | | | | | | |
| 890-8974-14 | T-2 (8.0) | 132 S1+ | 114 | | | | | | | | | | |
| 890-8974-15 | T-2 (9.0) | 192 S1+ | 127 | | | | | | | | | | |
| 890-8974-16 | T-2 (10) | 191 S1+ | 123 | | | | | | | | | | |
| 890-8974-17 | T-2 (11) | 122 | 111 | | | | | | | | | | |
| 890-8974-18 | T-2 (12) | 141 S1+ | 118 | | | | | | | | | | |
| 890-8974-19 | T-3 (0.1) | 126 | 114 | | | | | | | | | | |
| 890-8974-20 | T-3 (2.0) | 124 | 115 | | | | | | | | | | |
| 890-8974-21 | T-3 (3.0) | 97 | 103 | | | | | | | | | | |
| 890-8974-21 MS | T-3 (3.0) | 100 | 102 | | | | | | | | | | |
| 890-8974-21 MSD | T-3 (3.0) | 98 | 104 | | | | | | | | | | |
| 890-8974-22 | T-3 (4.0) | 110 | 111 | | | | | | | | | | |
| 890-8974-23 | T-3 (5.0) | 118 | 107 | | | | | | | | | | |
| 890-8974-24 | T-3 (6.0) | 120 | 113 | | | | | | | | | | |
| 890-8974-25 | T-4 (0-1.0) | 129 | 117 | | | | | | | | | | |
| 890-8974-26 | T-4 (2.0) | 123 | 111 | | | | | | | | | | |
| 890-8974-27 | T-4 (3.0) | 124 | 110 | | | | | | | | | | |
| 890-8974-28 | T-4 (4.0) | 140 S1+ | 113 | | | | | | | | | | |
| 890-8974-29 | T-4 (5.0) | 126 | 104 | | | | | | | | | | |
| 890-8974-30 | T-4 (6.0) | 120 | 108 | | | | | | | | | | |
| 890-8974-31 | T-5 (0-1.0) | 98 | 102 | | | | | | | | | | |
| 890-8974-32 | T-5 (2.0) | 128 | 107 | | | | | | | | | | |
| 890-8974-33 | T-5 (3.0) | 142 S1+ | 117 | | | | | | | | | | |
| 890-8974-34 | T-5 (4.0) | 122 | 108 | | | | | | | | | | |
| 890-8974-35 | T-5 (5.0) | 130 | 103 | | | | | | | | | | |
| 890-8974-36 | T-5 (6.0) | 127 | 108 | | | | | | | | | | |
| 890-8974-37 | T-5 (7.0) | 125 | 113 | | | | | | | | | | |
| 890-8974-38 | T-5 (8.0) | 119 | 112 | | | | | | | | | | |
| 890-8974-39 | T-5 (9.0) | 126 | 110 | | | | | | | | | | |
| 890-8974-40 | T-5 (10) | 131 S1+ | 110 | | | | | | | | | | |
| 890-8974-41 | T-5 (11) | 103 | 97 | | | | | | | | | | |
| 890-8974-41 MS | T-5 (11) | 113 | 100 | | | | | | | | | | |
| 890-8974-41 MSD | T-5 (11) | 110 | 99 | | | | | | | | | | |
| 890-8974-42 | T-5 (12) | 107 | 98 | | | | | | | | | | |
| 890-8974-43 | T-6 (0-1.0) | 109 | 97 | | | | | | | | | | |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

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

**Matrix: Solid** **Prep Type: Total/NA**

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130) | DFBZ1 (70-130) |
|---|---|---|---|
| 890-8974-44 | T-6 (2.0) | 108 | 100 |
| 890-8974-45 | T-6 (3.0) | 105 | 98 |
| 890-8974-46 | T-6 (4.0) | 108 | 96 |
| 890-8974-47 | T-6 (5.0) | 106 | 98 |
| 890-8974-48 | T-6 (6.0) | 106 | 97 |
| LCS 880-121789/1-A | Lab Control Sample | 102 | 106 |
| LCS 880-121790/1-A | Lab Control Sample | 100 | 102 |
| LCS 880-121792/1-A | Lab Control Sample | 105 | 107 |
| LCSD 880-121789/2-A | Lab Control Sample Dup | 96 | 104 |
| LCSD 880-121790/2-A | Lab Control Sample Dup | 104 | 96 |
| LCSD 880-121792/2-A | Lab Control Sample Dup | 102 | 103 |
| MB 880-121789/5-A | Method Blank | 176 S1+ | 108 |
| MB 880-121790/5-A | Method Blank | 179 S1+ | 111 |
| MB 880-121792/5-A | Method Blank | 104 | 95 |
| MB 880-122008/5-A | Method Blank | 102 | 91 |

**Surrogate Legend**

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

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

**Matrix: Solid** **Prep Type: Total/NA**

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130) | OTPH1 (70-130) |
|---|---|---|---|
| 890-8972-A-88-B MS | Matrix Spike | 112 | 127 |
| 890-8972-A-88-C MSD | Matrix Spike Duplicate | 111 | 123 |
| 890-8974-1 | T-1 (0-1.0) | 98 | 120 |
| 890-8974-2 | T-1 (2.0) | 102 | 127 |
| 890-8974-3 | T-1 (3.0) | 98 | 124 |
| 890-8974-4 | T-1 (4.0) | 98 | 119 |
| 890-8974-5 | T-1 (5.0) | 96 | 117 |
| 890-8974-6 | T-1 (6.0) | 104 | 128 |
| 890-8974-7 | T-2 (0-1.0) | 94 | 119 |
| 890-8974-8 | T-2 (2.0) | 103 | 126 |
| 890-8974-9 | T-2 (3.0) | 101 | 126 |
| 890-8974-10 | T-2 (4.0) | 96 | 119 |
| 890-8974-11 | T-2 (5.0) | 97 | 120 |
| 890-8974-12 | T-2 (6.0) | 99 | 120 |
| 890-8974-13 | T-2 (7.0) | 92 | 114 |
| 890-8974-14 | T-2 (8.0) | 101 | 123 |
| 890-8974-15 | T-2 (9.0) | 101 | 124 |
| 890-8974-16 | T-2 (10) | 94 | 118 |
| 890-8974-17 | T-2 (11) | 99 | 123 |
| 890-8974-18 | T-2 (12) | 108 | 133 S1+ |
| 890-8974-19 | T-3 (0.1) | 101 | 123 |
| 890-8974-20 | T-3 (2.0) | 84 | 104 |
| 890-8974-20 MS | T-3 (2.0) | 93 | 104 |
| 890-8974-20 MSD | T-3 (2.0) | 96 | 102 |
| 890-8974-21 | T-3 (3.0) | 88 | 108 |

# Surrogate Summary

Client: Carmona Resources
Job ID: 890-8974-1
Project/Site: Riser 121 (06.29.2025)
SDG: Lea County New Mexico

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | 1CO1 (70-130) | OTPH1 (70-130) | | | | | | | | |
| 890-8974-22 | T-3 (4.0) | 85 | 102 | | | | | | | | |
| 890-8974-23 | T-3 (5.0) | 80 | 99 | | | | | | | | |
| 890-8974-24 | T-3 (6.0) | 81 | 98 | | | | | | | | |
| 890-8974-25 | T-4 (0-1.0) | 79 | 97 | | | | | | | | |
| 890-8974-26 | T-4 (2.0) | 81 | 103 | | | | | | | | |
| 890-8974-27 | T-4 (3.0) | 86 | 103 | | | | | | | | |
| 890-8974-28 | T-4 (4.0) | 86 | 108 | | | | | | | | |
| 890-8974-29 | T-4 (5.0) | 88 | 107 | | | | | | | | |
| 890-8974-30 | T-4 (6.0) | 85 | 102 | | | | | | | | |
| 890-8974-31 | T-5 (0-1.0) | 81 | 101 | | | | | | | | |
| 890-8974-32 | T-5 (2.0) | 85 | 104 | | | | | | | | |
| 890-8974-33 | T-5 (3.0) | 89 | 107 | | | | | | | | |
| 890-8974-34 | T-5 (4.0) | 81 | 99 | | | | | | | | |
| 890-8974-35 | T-5 (5.0) | 80 | 99 | | | | | | | | |
| 890-8974-36 | T-5 (6.0) | 81 | 97 | | | | | | | | |
| 890-8974-37 | T-5 (7.0) | 84 | 99 | | | | | | | | |
| 890-8974-38 | T-5 (8.0) | 82 | 100 | | | | | | | | |
| 890-8974-39 | T-5 (9.0) | 83 | 97 | | | | | | | | |
| 890-8974-40 | T-5 (10) | 86 | 102 | | | | | | | | |
| 890-8974-40 MS | T-5 (10) | 90 | 100 | | | | | | | | |
| 890-8974-40 MSD | T-5 (10) | 90 | 101 | | | | | | | | |
| 890-8974-41 | T-5 (11) | 87 | 107 | | | | | | | | |
| 890-8974-42 | T-5 (12) | 89 | 109 | | | | | | | | |
| 890-8974-43 | T-6 (0-1.0) | 88 | 107 | | | | | | | | |
| 890-8974-44 | T-6 (2.0) | 84 | 103 | | | | | | | | |
| 890-8974-45 | T-6 (3.0) | 85 | 104 | | | | | | | | |
| 890-8974-46 | T-6 (4.0) | 92 | 111 | | | | | | | | |
| 890-8974-47 | T-6 (5.0) | 83 | 101 | | | | | | | | |
| 890-8974-48 | T-6 (6.0) | 84 | 99 | | | | | | | | |
| LCS 880-121747/2-A | Lab Control Sample | 118 | 131 S1+ | | | | | | | | |
| LCS 880-121748/2-A | Lab Control Sample | 98 | 108 | | | | | | | | |
| LCS 880-121749/2-A | Lab Control Sample | 112 | 123 | | | | | | | | |
| LCSD 880-121747/3-A | Lab Control Sample Dup | 117 | 130 | | | | | | | | |
| LCSD 880-121748/3-A | Lab Control Sample Dup | 98 | 107 | | | | | | | | |
| LCSD 880-121749/3-A | Lab Control Sample Dup | 113 | 124 | | | | | | | | |
| MB 880-121747/1-A | Method Blank | 112 | 131 S1+ | | | | | | | | |
| MB 880-121748/1-A | Method Blank | 99 | 120 | | | | | | | | |
| MB 880-121749/1-A | Method Blank | 85 | 103 | | | | | | | | |

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

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

**Lab Sample ID: MB 880-121789/5-A**
**Matrix: Solid**
**Analysis Batch: 122028**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 121789**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/25/25 23:08 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/25/25 23:08 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/25/25 23:08 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 10/22/25 12:15 | 10/25/25 23:08 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:15 | 10/25/25 23:08 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/22/25 12:15 | 10/25/25 23:08 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *176* | *S1+* | *70 - 130* | *10/22/25 12:15* | *10/25/25 23:08* | *1* |
| *1,4-Difluorobenzene (Surr)* | *108* | | *70 - 130* | *10/22/25 12:15* | *10/25/25 23:08* | *1* |

**Lab Sample ID: LCS 880-121789/1-A**
**Matrix: Solid**
**Analysis Batch: 122028**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 121789**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1008 | | mg/Kg | | 101 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.09081 | | mg/Kg | | 91 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.09557 | | mg/Kg | | 96 | 70 - 130 | | |
| m-Xylene & p-Xylene | | | 0.200 | 0.1913 | | mg/Kg | | 96 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1022 | | mg/Kg | | 102 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *106* | | *70 - 130* |

**Lab Sample ID: LCSD 880-121789/2-A**
**Matrix: Solid**
**Analysis Batch: 122028**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 121789**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1071 | | mg/Kg | | 107 | 70 - 130 | 6 | 35 |
| Toluene | | | 0.100 | 0.09523 | | mg/Kg | | 95 | 70 - 130 | 5 | 35 |
| Ethylbenzene | | | 0.100 | 0.1052 | | mg/Kg | | 105 | 70 - 130 | 10 | 35 |
| m-Xylene & p-Xylene | | | 0.200 | 0.2067 | | mg/Kg | | 103 | 70 - 130 | 8 | 35 |
| o-Xylene | | | 0.100 | 0.1016 | | mg/Kg | | 102 | 70 - 130 | 1 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* |

**Lab Sample ID: 890-8974-1 MS**
**Matrix: Solid**
**Analysis Batch: 122028**

**Client Sample ID: T-1 (0-1.0)**
**Prep Type: Total/NA**
**Prep Batch: 121789**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.07189 | | mg/Kg | | 72 | 70 - 130 | | |
| Toluene | <0.00200 | U F1 | 0.100 | 0.06702 | F1 | mg/Kg | | 67 | 70 - 130 | | |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 890-8974-1 MS**
**Matrix: Solid**
**Analysis Batch: 122028**

**Client Sample ID: T-1 (0-1.0)**
**Prep Type: Total/NA**
**Prep Batch: 121789**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | <0.00200 | U | 0.100 | 0.06967 | | mg/Kg | | 70 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.200 | 0.1457 | | mg/Kg | | 73 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.100 | 0.07400 | | mg/Kg | | 74 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* |

**Lab Sample ID: 890-8974-1 MSD**
**Matrix: Solid**
**Analysis Batch: 122028**

**Client Sample ID: T-1 (0-1.0)**
**Prep Type: Total/NA**
**Prep Batch: 121789**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.07805 | | mg/Kg | | 78 | 70 - 130 | 8 | 35 |
| Toluene | <0.00200 | U F1 | 0.100 | 0.07735 | | mg/Kg | | 77 | 70 - 130 | 14 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.08139 | | mg/Kg | | 81 | 70 - 130 | 16 | 35 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.200 | 0.1626 | | mg/Kg | | 81 | 70 - 130 | 11 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.08217 | | mg/Kg | | 82 | 70 - 130 | 10 | 35 |

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

**Lab Sample ID: MB 880-121790/5-A**
**Matrix: Solid**
**Analysis Batch: 122028**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 121790**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 10:44 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 10:44 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 10:44 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 10:44 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 10:44 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/22/25 12:17 | 10/26/25 10:44 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *179* | *S1+* | *70 - 130* | *10/22/25 12:17* | *10/26/25 10:44* | *1* |
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *10/22/25 12:17* | *10/26/25 10:44* | *1* |

**Lab Sample ID: LCS 880-121790/1-A**
**Matrix: Solid**
**Analysis Batch: 122028**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 121790**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.1039 | | mg/Kg | | 104 | 70 - 130 |
| Toluene | 0.100 | 0.08949 | | mg/Kg | | 89 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.1031 | | mg/Kg | | 103 | 70 - 130 |
| m-Xylene & p-Xylene | 0.200 | 0.1993 | | mg/Kg | | 100 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

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

**Lab Sample ID: LCS 880-121790/1-A**
**Matrix: Solid**
**Analysis Batch: 122028**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 121790**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| o-Xylene | | | 0.100 | 0.09923 | | mg/Kg | | 99 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* |

**Lab Sample ID: LCSD 880-121790/2-A**
**Matrix: Solid**
**Analysis Batch: 122028**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 121790**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09645 | | mg/Kg | | 96 | 70 - 130 | 7 | 35 |
| Toluene | | | 0.100 | 0.09098 | | mg/Kg | | 91 | 70 - 130 | 2 | 35 |
| Ethylbenzene | | | 0.100 | 0.1056 | | mg/Kg | | 106 | 70 - 130 | 2 | 35 |
| m-Xylene & p-Xylene | | | 0.200 | 0.1999 | | mg/Kg | | 100 | 70 - 130 | 0 | 35 |
| o-Xylene | | | 0.100 | 0.09975 | | mg/Kg | | 100 | 70 - 130 | 1 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* |

**Lab Sample ID: 890-8974-21 MS**
**Matrix: Solid**
**Analysis Batch: 122028**

**Client Sample ID: T-3 (3.0)**
**Prep Type: Total/NA**
**Prep Batch: 121790**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.08152 | | mg/Kg | | 82 | 70 - 130 | | |
| Toluene | <0.00200 | U F1 | 0.100 | 0.06748 | F1 | mg/Kg | | 67 | 70 - 130 | | |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.07717 | | mg/Kg | | 77 | 70 - 130 | | |
| m-Xylene & p-Xylene | <0.00399 | U | 0.200 | 0.1567 | | mg/Kg | | 78 | 70 - 130 | | |
| o-Xylene | <0.00200 | U | 0.100 | 0.07868 | | mg/Kg | | 79 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* |

**Lab Sample ID: 890-8974-21 MSD**
**Matrix: Solid**
**Analysis Batch: 122028**

**Client Sample ID: T-3 (3.0)**
**Prep Type: Total/NA**
**Prep Batch: 121790**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.07940 | | mg/Kg | | 79 | 70 - 130 | 3 | 35 |
| Toluene | <0.00200 | U F1 | 0.100 | 0.07412 | | mg/Kg | | 74 | 70 - 130 | 9 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.07744 | | mg/Kg | | 77 | 70 - 130 | 0 | 35 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.200 | 0.1524 | | mg/Kg | | 76 | 70 - 130 | 3 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.07714 | | mg/Kg | | 77 | 70 - 130 | 2 | 35 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 890-8974-21 MSD**
**Matrix: Solid**
**Analysis Batch: 122028**

**Client Sample ID: T-3 (3.0)**
**Prep Type: Total/NA**
**Prep Batch: 121790**

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

**Lab Sample ID: MB 880-121792/5-A**
**Matrix: Solid**
**Analysis Batch: 122027**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 121792**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 20:06 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 20:06 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 20:06 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 20:06 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 20:06 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/22/25 12:25 | 10/26/25 20:06 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 104 | | 70 - 130 | 10/22/25 12:25 | 10/26/25 20:06 | 1 |
| 1,4-Difluorobenzene (Surr) | 95 | | 70 - 130 | 10/22/25 12:25 | 10/26/25 20:06 | 1 |

**Lab Sample ID: LCS 880-121792/1-A**
**Matrix: Solid**
**Analysis Batch: 122027**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 121792**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1196 | | mg/Kg | | 120 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.1048 | | mg/Kg | | 105 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1076 | | mg/Kg | | 108 | 70 - 130 | | |
| m-Xylene & p-Xylene | | | 0.200 | 0.2200 | | mg/Kg | | 110 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1073 | | mg/Kg | | 107 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 105 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 107 | | 70 - 130 |

**Lab Sample ID: LCSD 880-121792/2-A**
**Matrix: Solid**
**Analysis Batch: 122027**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 121792**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1128 | | mg/Kg | | 113 | 70 - 130 | 6 | 35 |
| Toluene | | | 0.100 | 0.09731 | | mg/Kg | | 97 | 70 - 130 | 7 | 35 |
| Ethylbenzene | | | 0.100 | 0.1013 | | mg/Kg | | 101 | 70 - 130 | 6 | 35 |
| m-Xylene & p-Xylene | | | 0.200 | 0.2083 | | mg/Kg | | 104 | 70 - 130 | 5 | 35 |
| o-Xylene | | | 0.100 | 0.1012 | | mg/Kg | | 101 | 70 - 130 | 6 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 102 | | 70 - 130 |

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# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

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

**Lab Sample ID: LCSD 880-121792/2-A**
**Matrix: Solid**
**Analysis Batch: 122027**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 121792**

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

**Lab Sample ID: 890-8974-41 MS**
**Matrix: Solid**
**Analysis Batch: 122027**

**Client Sample ID: T-5 (11)**
**Prep Type: Total/NA**
**Prep Batch: 121792**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U F1 *- | 0.100 | 0.06367 | F1 | mg/Kg | | 64 | 70 - 130 |
| Toluene | <0.00200 | U F1 *- | 0.100 | 0.06026 | F1 | mg/Kg | | 60 | 70 - 130 |
| Ethylbenzene | <0.00200 | U F1 *- | 0.100 | 0.06914 | F1 | mg/Kg | | 69 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00399 | U F1 *- | 0.200 | 0.1460 | | mg/Kg | | 73 | 70 - 130 |
| o-Xylene | <0.00200 | U F1 *- | 0.100 | 0.07257 | | mg/Kg | | 73 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 113 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 |

**Lab Sample ID: 890-8974-41 MSD**
**Matrix: Solid**
**Analysis Batch: 122027**

**Client Sample ID: T-5 (11)**
**Prep Type: Total/NA**
**Prep Batch: 121792**

| 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 | 0.05595 | F1 | mg/Kg | | 56 | 70 - 130 | 13 | 35 |
| Toluene | <0.00200 | U F1 *- | 0.100 | 0.05211 | F1 | mg/Kg | | 52 | 70 - 130 | 15 | 35 |
| Ethylbenzene | <0.00200 | U F1 *- | 0.100 | 0.05733 | F1 | mg/Kg | | 57 | 70 - 130 | 19 | 35 |
| m-Xylene & p-Xylene | <0.00399 | U F1 *- | 0.200 | 0.1217 | F1 | mg/Kg | | 61 | 70 - 130 | 18 | 35 |
| o-Xylene | <0.00200 | U F1 *- | 0.100 | 0.06099 | F1 | mg/Kg | | 61 | 70 - 130 | 17 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 110 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 |

**Lab Sample ID: MB 880-122008/5-A**
**Matrix: Solid**
**Analysis Batch: 122027**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 122008**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/25 15:38 | 10/26/25 10:19 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/25 15:38 | 10/26/25 10:19 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/25 15:38 | 10/26/25 10:19 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 10/24/25 15:38 | 10/26/25 10:19 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/25 15:38 | 10/26/25 10:19 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/24/25 15:38 | 10/26/25 10:19 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 102 | | 70 - 130 | 10/24/25 15:38 | 10/26/25 10:19 | 1 |
| 1,4-Difluorobenzene (Surr) | 91 | | 70 - 130 | 10/24/25 15:38 | 10/26/25 10:19 | 1 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

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

**Lab Sample ID: MB 880-121747/1-A**
**Matrix: Solid**
**Analysis Batch: 122060**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 121747**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 08:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 08:44 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:26 | 10/27/25 08:44 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *112* | | *70 - 130* | *10/22/25 08:26* | *10/27/25 08:44* | *1* |
| *o-Terphenyl (Surr)* | *131* | *S1+* | *70 - 130* | *10/22/25 08:26* | *10/27/25 08:44* | *1* |

**Lab Sample ID: LCS 880-121747/2-A**
**Matrix: Solid**
**Analysis Batch: 122060**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 121747**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 973.1 | | mg/Kg | | 97 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 1149 | | mg/Kg | | 115 | 70 - 130 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *118* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *131* | *S1+* | *70 - 130* |

**Lab Sample ID: LCSD 880-121747/3-A**
**Matrix: Solid**
**Analysis Batch: 122060**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 121747**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 977.8 | | mg/Kg | | 98 | 70 - 130 | 0 | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 1140 | | mg/Kg | | 114 | 70 - 130 | 1 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *117* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *130* | | *70 - 130* |

**Lab Sample ID: 890-8972-A-88-B MS**
**Matrix: Solid**
**Analysis Batch: 122060**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 121747**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 997 | 810.6 | | mg/Kg | | 81 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 997 | 960.8 | | mg/Kg | | 96 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 890-8972-A-88-B MS**
**Matrix: Solid**
**Analysis Batch: 122060**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 121747**

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 112 | | 70 - 130 |
| o-Terphenyl (Surr) | 127 | | 70 - 130 |

**Lab Sample ID: 890-8972-A-88-C MSD**
**Matrix: Solid**
**Analysis Batch: 122060**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 121747**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 997 | 727.4 | | mg/Kg | | 73 | 70 - 130 | 11 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 997 | 929.8 | | mg/Kg | | 93 | 70 - 130 | 3 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 111 | | 70 - 130 |
| o-Terphenyl (Surr) | 123 | | 70 - 130 |

**Lab Sample ID: MB 880-121748/1-A**
**Matrix: Solid**
**Analysis Batch: 122062**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 121748**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 19:52 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 19:52 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/27/25 19:52 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 99 | | 70 - 130 | 10/22/25 08:27 | 10/27/25 19:52 | 1 |
| o-Terphenyl (Surr) | 120 | | 70 - 130 | 10/22/25 08:27 | 10/27/25 19:52 | 1 |

**Lab Sample ID: LCS 880-121748/2-A**
**Matrix: Solid**
**Analysis Batch: 122062**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 121748**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 809.7 | | mg/Kg | | 81 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 1015 | | mg/Kg | | 102 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 98 | | 70 - 130 |
| o-Terphenyl (Surr) | 108 | | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

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

**Lab Sample ID: LCSD 880-121748/3-A**
**Matrix: Solid**
**Analysis Batch: 122062**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 121748**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 819.6 | | mg/Kg | | 82 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1009 | | mg/Kg | | 101 | 70 - 130 | 1 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *98* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* |

**Lab Sample ID: 890-8974-20 MS**
**Matrix: Solid**
**Analysis Batch: 122062**

**Client Sample ID: T-3 (2.0)**
**Prep Type: Total/NA**
**Prep Batch: 121748**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U F1 | 999 | 633.7 | F1 | mg/Kg | | 63 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 999 | 800.8 | | mg/Kg | | 80 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *93* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* |

**Lab Sample ID: 890-8974-20 MSD**
**Matrix: Solid**
**Analysis Batch: 122062**

**Client Sample ID: T-3 (2.0)**
**Prep Type: Total/NA**
**Prep Batch: 121748**

| 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 F1 | 999 | 635.2 | F1 | mg/Kg | | 64 | 70 - 130 | 0 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 999 | 769.4 | | mg/Kg | | 77 | 70 - 130 | 4 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *96* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *102* | | *70 - 130* |

**Lab Sample ID: MB 880-121749/1-A**
**Matrix: Solid**
**Analysis Batch: 122062**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 121749**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 03:06 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 03:06 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/22/25 08:27 | 10/28/25 03:06 | 1 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

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

**Lab Sample ID: MB 880-121749/1-A**
**Matrix: Solid**
**Analysis Batch: 122062**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 121749**

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 85 | | 70 - 130 | 10/22/25 08:27 | 10/28/25 03:06 | 1 |
| o-Terphenyl (Surr) | 103 | | 70 - 130 | 10/22/25 08:27 | 10/28/25 03:06 | 1 |

**Lab Sample ID: LCS 880-121749/2-A**
**Matrix: Solid**
**Analysis Batch: 122062**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 121749**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1003 | | mg/Kg | | 100 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1031 | | mg/Kg | | 103 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 112 | | 70 - 130 |
| o-Terphenyl (Surr) | 123 | | 70 - 130 |

**Lab Sample ID: LCSD 880-121749/3-A**
**Matrix: Solid**
**Analysis Batch: 122062**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 121749**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 996.8 | | mg/Kg | | 100 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1024 | | mg/Kg | | 102 | 70 - 130 | 1 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 113 | | 70 - 130 |
| o-Terphenyl (Surr) | 124 | | 70 - 130 |

**Lab Sample ID: 890-8974-40 MS**
**Matrix: Solid**
**Analysis Batch: 122062**

**Client Sample ID: T-5 (10)**
**Prep Type: Total/NA**
**Prep Batch: 121749**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U F1 | 999 | 630.7 | F1 | mg/Kg | | 63 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 782.6 | | mg/Kg | | 78 | 70 - 130 | | |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 90 | | 70 - 130 |
| o-Terphenyl (Surr) | 100 | | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 890-8974-40 MSD** — **Client Sample ID: T-5 (10)**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 122062** — **Prep Batch: 121749**

| 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 | 591.4 | F1 | mg/Kg | | 59 | 70 - 130 | 6 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 771.9 | | mg/Kg | | 77 | 70 - 130 | 1 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *90* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *101* | | *70 - 130* |

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-121765/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 121829**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 10/23/25 12:23 | 1 |

**Lab Sample ID: LCS 880-121765/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 121829**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 267.5 | | mg/Kg | | 107 | 90 - 110 |

**Lab Sample ID: LCSD 880-121765/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 121829**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 250 | 272.2 | | mg/Kg | | 109 | 90 - 110 | 2 | 20 |

**Lab Sample ID: 890-8974-7 MS** — **Client Sample ID: T-2 (0-1.0)**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 121829**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 3310 | F1 | 1250 | 4646 | | mg/Kg | | 108 | 90 - 110 |

**Lab Sample ID: 890-8974-7 MSD** — **Client Sample ID: T-2 (0-1.0)**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 121829**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 3310 | F1 | 1250 | 4804 | F1 | mg/Kg | | 120 | 90 - 110 | 3 | 20 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: MB 880-121767/1-A**
**Matrix: Solid**
**Analysis Batch: 121830**

**Client Sample ID: Method Blank**
**Prep Type: Soluble**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 10/23/25 13:14 | 1 |

**Lab Sample ID: LCS 880-121767/2-A**
**Matrix: Solid**
**Analysis Batch: 121830**

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

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 237.6 | | mg/Kg | | 95 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-121767/3-A**
**Matrix: Solid**
**Analysis Batch: 121830**

**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 | 239.2 | | mg/Kg | | 96 | 90 - 110 | 1 | 20 |

**Lab Sample ID: 890-8974-33 MS**
**Matrix: Solid**
**Analysis Batch: 121830**

**Client Sample ID: T-5 (3.0)**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 2160 | F1 | 1260 | 3560 | F1 | mg/Kg | | 111 | 90 - 110 | | |

**Lab Sample ID: 890-8974-33 MSD**
**Matrix: Solid**
**Analysis Batch: 121830**

**Client Sample ID: T-5 (3.0)**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 2160 | F1 | 1260 | 3573 | F1 | mg/Kg | | 112 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 890-8974-43 MS**
**Matrix: Solid**
**Analysis Batch: 121830**

**Client Sample ID: T-6 (0-1.0)**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 4170 | F1 | 1250 | 5712 | F1 | mg/Kg | | 124 | 90 - 110 | | |

**Lab Sample ID: 890-8974-43 MSD**
**Matrix: Solid**
**Analysis Batch: 121830**

**Client Sample ID: T-6 (0-1.0)**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 4170 | F1 | 1250 | 5740 | F1 | mg/Kg | | 126 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-121766/1-A**
**Matrix: Solid**
**Analysis Batch: 121831**

**Client Sample ID: Method Blank**
**Prep Type: Soluble**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 10/23/25 09:21 | 1 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: LCS 880-121766/2-A**
**Matrix: Solid**
**Analysis Batch: 121831**

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

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 254.1 | | mg/Kg | | 102 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-121766/3-A**
**Matrix: Solid**
**Analysis Batch: 121831**

**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 | 257.7 | | mg/Kg | | 103 | 90 - 110 | 1 | 20 |

**Lab Sample ID: 890-8974-17 MS**
**Matrix: Solid**
**Analysis Batch: 121831**

**Client Sample ID: T-2 (11)**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 3580 | F1 | 1240 | 5323 | F1 | mg/Kg | | 141 | 90 - 110 | | |

**Lab Sample ID: 890-8974-17 MSD**
**Matrix: Solid**
**Analysis Batch: 121831**

**Client Sample ID: T-2 (11)**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 3580 | F1 | 1240 | 5404 | F1 | mg/Kg | | 147 | 90 - 110 | 1 | 20 |

**Lab Sample ID: 890-8974-27 MS**
**Matrix: Solid**
**Analysis Batch: 121831**

**Client Sample ID: T-4 (3.0)**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 6490 | F1 | 2490 | 9412 | F1 | mg/Kg | | 118 | 90 - 110 | | |

**Lab Sample ID: 890-8974-27 MSD**
**Matrix: Solid**
**Analysis Batch: 121831**

**Client Sample ID: T-4 (3.0)**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 6490 | F1 | 2490 | 9507 | F1 | mg/Kg | | 121 | 90 - 110 | 1 | 20 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## GC VOA

### Prep Batch: 121789

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-1 | T-1 (0-1.0) | Total/NA | Solid | 5035 | |
| 890-8974-2 | T-1 (2.0) | Total/NA | Solid | 5035 | |
| 890-8974-3 | T-1 (3.0) | Total/NA | Solid | 5035 | |
| 890-8974-4 | T-1 (4.0) | Total/NA | Solid | 5035 | |
| 890-8974-5 | T-1 (5.0) | Total/NA | Solid | 5035 | |
| 890-8974-6 | T-1 (6.0) | Total/NA | Solid | 5035 | |
| 890-8974-7 | T-2 (0-1.0) | Total/NA | Solid | 5035 | |
| 890-8974-8 | T-2 (2.0) | Total/NA | Solid | 5035 | |
| 890-8974-9 | T-2 (3.0) | Total/NA | Solid | 5035 | |
| 890-8974-10 | T-2 (4.0) | Total/NA | Solid | 5035 | |
| 890-8974-11 | T-2 (5.0) | Total/NA | Solid | 5035 | |
| 890-8974-12 | T-2 (6.0) | Total/NA | Solid | 5035 | |
| 890-8974-13 | T-2 (7.0) | Total/NA | Solid | 5035 | |
| 890-8974-14 | T-2 (8.0) | Total/NA | Solid | 5035 | |
| 890-8974-15 | T-2 (9.0) | Total/NA | Solid | 5035 | |
| 890-8974-16 | T-2 (10) | Total/NA | Solid | 5035 | |
| 890-8974-17 | T-2 (11) | Total/NA | Solid | 5035 | |
| 890-8974-18 | T-2 (12) | Total/NA | Solid | 5035 | |
| 890-8974-19 | T-3 (0.1) | Total/NA | Solid | 5035 | |
| 890-8974-20 | T-3 (2.0) | Total/NA | Solid | 5035 | |
| MB 880-121789/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-121789/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-121789/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 890-8974-1 MS | T-1 (0-1.0) | Total/NA | Solid | 5035 | |
| 890-8974-1 MSD | T-1 (0-1.0) | Total/NA | Solid | 5035 | |

### Prep Batch: 121790

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-21 | T-3 (3.0) | Total/NA | Solid | 5035 | |
| 890-8974-22 | T-3 (4.0) | Total/NA | Solid | 5035 | |
| 890-8974-23 | T-3 (5.0) | Total/NA | Solid | 5035 | |
| 890-8974-24 | T-3 (6.0) | Total/NA | Solid | 5035 | |
| 890-8974-25 | T-4 (0-1.0) | Total/NA | Solid | 5035 | |
| 890-8974-26 | T-4 (2.0) | Total/NA | Solid | 5035 | |
| 890-8974-27 | T-4 (3.0) | Total/NA | Solid | 5035 | |
| 890-8974-28 | T-4 (4.0) | Total/NA | Solid | 5035 | |
| 890-8974-29 | T-4 (5.0) | Total/NA | Solid | 5035 | |
| 890-8974-30 | T-4 (6.0) | Total/NA | Solid | 5035 | |
| 890-8974-31 | T-5 (0-1.0) | Total/NA | Solid | 5035 | |
| 890-8974-32 | T-5 (2.0) | Total/NA | Solid | 5035 | |
| 890-8974-33 | T-5 (3.0) | Total/NA | Solid | 5035 | |
| 890-8974-34 | T-5 (4.0) | Total/NA | Solid | 5035 | |
| 890-8974-35 | T-5 (5.0) | Total/NA | Solid | 5035 | |
| 890-8974-36 | T-5 (6.0) | Total/NA | Solid | 5035 | |
| 890-8974-37 | T-5 (7.0) | Total/NA | Solid | 5035 | |
| 890-8974-38 | T-5 (8.0) | Total/NA | Solid | 5035 | |
| 890-8974-39 | T-5 (9.0) | Total/NA | Solid | 5035 | |
| 890-8974-40 | T-5 (10) | Total/NA | Solid | 5035 | |
| MB 880-121790/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-121790/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-121790/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## GC VOA (Continued)

### Prep Batch: 121790 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-21 MS | T-3 (3.0) | Total/NA | Solid | 5035 | |
| 890-8974-21 MSD | T-3 (3.0) | Total/NA | Solid | 5035 | |

### Prep Batch: 121792

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-41 | T-5 (11) | Total/NA | Solid | 5035 | |
| 890-8974-42 | T-5 (12) | Total/NA | Solid | 5035 | |
| 890-8974-43 | T-6 (0-1.0) | Total/NA | Solid | 5035 | |
| 890-8974-44 | T-6 (2.0) | Total/NA | Solid | 5035 | |
| 890-8974-45 | T-6 (3.0) | Total/NA | Solid | 5035 | |
| 890-8974-46 | T-6 (4.0) | Total/NA | Solid | 5035 | |
| 890-8974-47 | T-6 (5.0) | Total/NA | Solid | 5035 | |
| 890-8974-48 | T-6 (6.0) | Total/NA | Solid | 5035 | |
| MB 880-121792/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-121792/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-121792/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 890-8974-41 MS | T-5 (11) | Total/NA | Solid | 5035 | |
| 890-8974-41 MSD | T-5 (11) | Total/NA | Solid | 5035 | |

### Prep Batch: 122008

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-122008/5-A | Method Blank | Total/NA | Solid | 5035 | |

### Analysis Batch: 122027

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-41 | T-5 (11) | Total/NA | Solid | 8021B | 121792 |
| 890-8974-42 | T-5 (12) | Total/NA | Solid | 8021B | 121792 |
| 890-8974-43 | T-6 (0-1.0) | Total/NA | Solid | 8021B | 121792 |
| 890-8974-44 | T-6 (2.0) | Total/NA | Solid | 8021B | 121792 |
| 890-8974-45 | T-6 (3.0) | Total/NA | Solid | 8021B | 121792 |
| 890-8974-46 | T-6 (4.0) | Total/NA | Solid | 8021B | 121792 |
| 890-8974-47 | T-6 (5.0) | Total/NA | Solid | 8021B | 121792 |
| 890-8974-48 | T-6 (6.0) | Total/NA | Solid | 8021B | 121792 |
| MB 880-121792/5-A | Method Blank | Total/NA | Solid | 8021B | 121792 |
| MB 880-122008/5-A | Method Blank | Total/NA | Solid | 8021B | 122008 |
| LCS 880-121792/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 121792 |
| LCSD 880-121792/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 121792 |
| 890-8974-41 MS | T-5 (11) | Total/NA | Solid | 8021B | 121792 |
| 890-8974-41 MSD | T-5 (11) | Total/NA | Solid | 8021B | 121792 |

### Analysis Batch: 122028

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-1 | T-1 (0-1.0) | Total/NA | Solid | 8021B | 121789 |
| 890-8974-2 | T-1 (2.0) | Total/NA | Solid | 8021B | 121789 |
| 890-8974-3 | T-1 (3.0) | Total/NA | Solid | 8021B | 121789 |
| 890-8974-4 | T-1 (4.0) | Total/NA | Solid | 8021B | 121789 |
| 890-8974-5 | T-1 (5.0) | Total/NA | Solid | 8021B | 121789 |
| 890-8974-6 | T-1 (6.0) | Total/NA | Solid | 8021B | 121789 |
| 890-8974-7 | T-2 (0-1.0) | Total/NA | Solid | 8021B | 121789 |
| 890-8974-8 | T-2 (2.0) | Total/NA | Solid | 8021B | 121789 |
| 890-8974-9 | T-2 (3.0) | Total/NA | Solid | 8021B | 121789 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## GC VOA (Continued)

### Analysis Batch: 122028 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-10 | T-2 (4.0) | Total/NA | Solid | 8021B | 121789 |
| 890-8974-11 | T-2 (5.0) | Total/NA | Solid | 8021B | 121789 |
| 890-8974-12 | T-2 (6.0) | Total/NA | Solid | 8021B | 121789 |
| 890-8974-13 | T-2 (7.0) | Total/NA | Solid | 8021B | 121789 |
| 890-8974-14 | T-2 (8.0) | Total/NA | Solid | 8021B | 121789 |
| 890-8974-15 | T-2 (9.0) | Total/NA | Solid | 8021B | 121789 |
| 890-8974-16 | T-2 (10) | Total/NA | Solid | 8021B | 121789 |
| 890-8974-17 | T-2 (11) | Total/NA | Solid | 8021B | 121789 |
| 890-8974-18 | T-2 (12) | Total/NA | Solid | 8021B | 121789 |
| 890-8974-19 | T-3 (0.1) | Total/NA | Solid | 8021B | 121789 |
| 890-8974-20 | T-3 (2.0) | Total/NA | Solid | 8021B | 121789 |
| 890-8974-21 | T-3 (3.0) | Total/NA | Solid | 8021B | 121790 |
| 890-8974-22 | T-3 (4.0) | Total/NA | Solid | 8021B | 121790 |
| 890-8974-23 | T-3 (5.0) | Total/NA | Solid | 8021B | 121790 |
| 890-8974-24 | T-3 (6.0) | Total/NA | Solid | 8021B | 121790 |
| 890-8974-25 | T-4 (0-1.0) | Total/NA | Solid | 8021B | 121790 |
| 890-8974-26 | T-4 (2.0) | Total/NA | Solid | 8021B | 121790 |
| 890-8974-27 | T-4 (3.0) | Total/NA | Solid | 8021B | 121790 |
| 890-8974-28 | T-4 (4.0) | Total/NA | Solid | 8021B | 121790 |
| 890-8974-29 | T-4 (5.0) | Total/NA | Solid | 8021B | 121790 |
| 890-8974-30 | T-4 (6.0) | Total/NA | Solid | 8021B | 121790 |
| 890-8974-31 | T-5 (0-1.0) | Total/NA | Solid | 8021B | 121790 |
| 890-8974-32 | T-5 (2.0) | Total/NA | Solid | 8021B | 121790 |
| 890-8974-33 | T-5 (3.0) | Total/NA | Solid | 8021B | 121790 |
| 890-8974-34 | T-5 (4.0) | Total/NA | Solid | 8021B | 121790 |
| 890-8974-35 | T-5 (5.0) | Total/NA | Solid | 8021B | 121790 |
| 890-8974-36 | T-5 (6.0) | Total/NA | Solid | 8021B | 121790 |
| 890-8974-37 | T-5 (7.0) | Total/NA | Solid | 8021B | 121790 |
| 890-8974-38 | T-5 (8.0) | Total/NA | Solid | 8021B | 121790 |
| 890-8974-39 | T-5 (9.0) | Total/NA | Solid | 8021B | 121790 |
| 890-8974-40 | T-5 (10) | Total/NA | Solid | 8021B | 121790 |
| MB 880-121789/5-A | Method Blank | Total/NA | Solid | 8021B | 121789 |
| MB 880-121790/5-A | Method Blank | Total/NA | Solid | 8021B | 121790 |
| LCS 880-121789/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 121789 |
| LCS 880-121790/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 121790 |
| LCSD 880-121789/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 121789 |
| LCSD 880-121790/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 121790 |
| 890-8974-1 MS | T-1 (0-1.0) | Total/NA | Solid | 8021B | 121789 |
| 890-8974-1 MSD | T-1 (0-1.0) | Total/NA | Solid | 8021B | 121789 |
| 890-8974-21 MS | T-3 (3.0) | Total/NA | Solid | 8021B | 121790 |
| 890-8974-21 MSD | T-3 (3.0) | Total/NA | Solid | 8021B | 121790 |

### Analysis Batch: 122142

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-1 | T-1 (0-1.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-2 | T-1 (2.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-3 | T-1 (3.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-4 | T-1 (4.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-5 | T-1 (5.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-6 | T-1 (6.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-7 | T-2 (0-1.0) | Total/NA | Solid | Total BTEX | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## GC VOA (Continued)

### Analysis Batch: 122142 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-8 | T-2 (2.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-9 | T-2 (3.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-10 | T-2 (4.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-11 | T-2 (5.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-12 | T-2 (6.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-13 | T-2 (7.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-14 | T-2 (8.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-15 | T-2 (9.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-16 | T-2 (10) | Total/NA | Solid | Total BTEX | |
| 890-8974-17 | T-2 (11) | Total/NA | Solid | Total BTEX | |
| 890-8974-18 | T-2 (12) | Total/NA | Solid | Total BTEX | |
| 890-8974-19 | T-3 (0.1) | Total/NA | Solid | Total BTEX | |
| 890-8974-20 | T-3 (2.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-21 | T-3 (3.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-22 | T-3 (4.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-23 | T-3 (5.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-24 | T-3 (6.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-25 | T-4 (0-1.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-26 | T-4 (2.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-27 | T-4 (3.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-28 | T-4 (4.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-29 | T-4 (5.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-30 | T-4 (6.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-31 | T-5 (0-1.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-32 | T-5 (2.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-33 | T-5 (3.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-34 | T-5 (4.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-35 | T-5 (5.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-36 | T-5 (6.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-37 | T-5 (7.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-38 | T-5 (8.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-39 | T-5 (9.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-40 | T-5 (10) | Total/NA | Solid | Total BTEX | |
| 890-8974-41 | T-5 (11) | Total/NA | Solid | Total BTEX | |
| 890-8974-42 | T-5 (12) | Total/NA | Solid | Total BTEX | |
| 890-8974-43 | T-6 (0-1.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-44 | T-6 (2.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-45 | T-6 (3.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-46 | T-6 (4.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-47 | T-6 (5.0) | Total/NA | Solid | Total BTEX | |
| 890-8974-48 | T-6 (6.0) | Total/NA | Solid | Total BTEX | |

## GC Semi VOA

### Prep Batch: 121747

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-1 | T-1 (0-1.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-2 | T-1 (2.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-3 | T-1 (3.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-4 | T-1 (4.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-5 | T-1 (5.0) | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## GC Semi VOA (Continued)

### Prep Batch: 121747 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-6 | T-1 (6.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-7 | T-2 (0-1.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-8 | T-2 (2.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-9 | T-2 (3.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-10 | T-2 (4.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-11 | T-2 (5.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-12 | T-2 (6.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-13 | T-2 (7.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-14 | T-2 (8.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-15 | T-2 (9.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-16 | T-2 (10) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-17 | T-2 (11) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-18 | T-2 (12) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-19 | T-3 (0.1) | Total/NA | Solid | 8015NM Prep | |
| MB 880-121747/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-121747/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-121747/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-8972-A-88-B MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 890-8972-A-88-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 121748

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-20 | T-3 (2.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-21 | T-3 (3.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-22 | T-3 (4.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-23 | T-3 (5.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-24 | T-3 (6.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-25 | T-4 (0-1.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-26 | T-4 (2.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-27 | T-4 (3.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-28 | T-4 (4.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-29 | T-4 (5.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-30 | T-4 (6.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-31 | T-5 (0-1.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-32 | T-5 (2.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-33 | T-5 (3.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-34 | T-5 (4.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-35 | T-5 (5.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-36 | T-5 (6.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-37 | T-5 (7.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-38 | T-5 (8.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-39 | T-5 (9.0) | Total/NA | Solid | 8015NM Prep | |
| MB 880-121748/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-121748/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-121748/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-8974-20 MS | T-3 (2.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-20 MSD | T-3 (2.0) | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 121749

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-40 | T-5 (10) | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## GC Semi VOA (Continued)

### Prep Batch: 121749 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-41 | T-5 (11) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-42 | T-5 (12) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-43 | T-6 (0-1.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-44 | T-6 (2.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-45 | T-6 (3.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-46 | T-6 (4.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-47 | T-6 (5.0) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-48 | T-6 (6.0) | Total/NA | Solid | 8015NM Prep | |
| MB 880-121749/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-121749/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-121749/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-8974-40 MS | T-5 (10) | Total/NA | Solid | 8015NM Prep | |
| 890-8974-40 MSD | T-5 (10) | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 122060

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-1 | T-1 (0-1.0) | Total/NA | Solid | 8015B NM | 121747 |
| 890-8974-2 | T-1 (2.0) | Total/NA | Solid | 8015B NM | 121747 |
| 890-8974-3 | T-1 (3.0) | Total/NA | Solid | 8015B NM | 121747 |
| 890-8974-4 | T-1 (4.0) | Total/NA | Solid | 8015B NM | 121747 |
| 890-8974-5 | T-1 (5.0) | Total/NA | Solid | 8015B NM | 121747 |
| 890-8974-6 | T-1 (6.0) | Total/NA | Solid | 8015B NM | 121747 |
| 890-8974-7 | T-2 (0-1.0) | Total/NA | Solid | 8015B NM | 121747 |
| 890-8974-8 | T-2 (2.0) | Total/NA | Solid | 8015B NM | 121747 |
| 890-8974-9 | T-2 (3.0) | Total/NA | Solid | 8015B NM | 121747 |
| 890-8974-10 | T-2 (4.0) | Total/NA | Solid | 8015B NM | 121747 |
| 890-8974-11 | T-2 (5.0) | Total/NA | Solid | 8015B NM | 121747 |
| 890-8974-12 | T-2 (6.0) | Total/NA | Solid | 8015B NM | 121747 |
| 890-8974-13 | T-2 (7.0) | Total/NA | Solid | 8015B NM | 121747 |
| 890-8974-14 | T-2 (8.0) | Total/NA | Solid | 8015B NM | 121747 |
| 890-8974-15 | T-2 (9.0) | Total/NA | Solid | 8015B NM | 121747 |
| 890-8974-16 | T-2 (10) | Total/NA | Solid | 8015B NM | 121747 |
| 890-8974-17 | T-2 (11) | Total/NA | Solid | 8015B NM | 121747 |
| 890-8974-18 | T-2 (12) | Total/NA | Solid | 8015B NM | 121747 |
| 890-8974-19 | T-3 (0.1) | Total/NA | Solid | 8015B NM | 121747 |
| MB 880-121747/1-A | Method Blank | Total/NA | Solid | 8015B NM | 121747 |
| LCS 880-121747/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 121747 |
| LCSD 880-121747/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 121747 |
| 890-8972-A-88-B MS | Matrix Spike | Total/NA | Solid | 8015B NM | 121747 |
| 890-8972-A-88-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 121747 |

### Analysis Batch: 122062

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-20 | T-3 (2.0) | Total/NA | Solid | 8015B NM | 121748 |
| 890-8974-21 | T-3 (3.0) | Total/NA | Solid | 8015B NM | 121748 |
| 890-8974-22 | T-3 (4.0) | Total/NA | Solid | 8015B NM | 121748 |
| 890-8974-23 | T-3 (5.0) | Total/NA | Solid | 8015B NM | 121748 |
| 890-8974-24 | T-3 (6.0) | Total/NA | Solid | 8015B NM | 121748 |
| 890-8974-25 | T-4 (0-1.0) | Total/NA | Solid | 8015B NM | 121748 |
| 890-8974-26 | T-4 (2.0) | Total/NA | Solid | 8015B NM | 121748 |
| 890-8974-27 | T-4 (3.0) | Total/NA | Solid | 8015B NM | 121748 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## GC Semi VOA (Continued)

### Analysis Batch: 122062 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-28 | T-4 (4.0) | Total/NA | Solid | 8015B NM | 121748 |
| 890-8974-29 | T-4 (5.0) | Total/NA | Solid | 8015B NM | 121748 |
| 890-8974-30 | T-4 (6.0) | Total/NA | Solid | 8015B NM | 121748 |
| 890-8974-31 | T-5 (0-1.0) | Total/NA | Solid | 8015B NM | 121748 |
| 890-8974-32 | T-5 (2.0) | Total/NA | Solid | 8015B NM | 121748 |
| 890-8974-33 | T-5 (3.0) | Total/NA | Solid | 8015B NM | 121748 |
| 890-8974-34 | T-5 (4.0) | Total/NA | Solid | 8015B NM | 121748 |
| 890-8974-35 | T-5 (5.0) | Total/NA | Solid | 8015B NM | 121748 |
| 890-8974-36 | T-5 (6.0) | Total/NA | Solid | 8015B NM | 121748 |
| 890-8974-37 | T-5 (7.0) | Total/NA | Solid | 8015B NM | 121748 |
| 890-8974-38 | T-5 (8.0) | Total/NA | Solid | 8015B NM | 121748 |
| 890-8974-39 | T-5 (9.0) | Total/NA | Solid | 8015B NM | 121748 |
| 890-8974-40 | T-5 (10) | Total/NA | Solid | 8015B NM | 121749 |
| 890-8974-41 | T-5 (11) | Total/NA | Solid | 8015B NM | 121749 |
| 890-8974-42 | T-5 (12) | Total/NA | Solid | 8015B NM | 121749 |
| 890-8974-43 | T-6 (0-1.0) | Total/NA | Solid | 8015B NM | 121749 |
| 890-8974-44 | T-6 (2.0) | Total/NA | Solid | 8015B NM | 121749 |
| 890-8974-45 | T-6 (3.0) | Total/NA | Solid | 8015B NM | 121749 |
| 890-8974-46 | T-6 (4.0) | Total/NA | Solid | 8015B NM | 121749 |
| 890-8974-47 | T-6 (5.0) | Total/NA | Solid | 8015B NM | 121749 |
| 890-8974-48 | T-6 (6.0) | Total/NA | Solid | 8015B NM | 121749 |
| MB 880-121748/1-A | Method Blank | Total/NA | Solid | 8015B NM | 121748 |
| MB 880-121749/1-A | Method Blank | Total/NA | Solid | 8015B NM | 121749 |
| LCS 880-121748/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 121748 |
| LCS 880-121749/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 121749 |
| LCSD 880-121748/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 121748 |
| LCSD 880-121749/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 121749 |
| 890-8974-20 MS | T-3 (2.0) | Total/NA | Solid | 8015B NM | 121748 |
| 890-8974-20 MSD | T-3 (2.0) | Total/NA | Solid | 8015B NM | 121748 |
| 890-8974-40 MS | T-5 (10) | Total/NA | Solid | 8015B NM | 121749 |
| 890-8974-40 MSD | T-5 (10) | Total/NA | Solid | 8015B NM | 121749 |

### Analysis Batch: 122212

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-1 | T-1 (0-1.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-2 | T-1 (2.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-3 | T-1 (3.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-4 | T-1 (4.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-5 | T-1 (5.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-6 | T-1 (6.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-7 | T-2 (0-1.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-8 | T-2 (2.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-9 | T-2 (3.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-10 | T-2 (4.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-11 | T-2 (5.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-12 | T-2 (6.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-13 | T-2 (7.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-14 | T-2 (8.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-15 | T-2 (9.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-16 | T-2 (10) | Total/NA | Solid | 8015 NM | |
| 890-8974-17 | T-2 (11) | Total/NA | Solid | 8015 NM | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## GC Semi VOA (Continued)

### Analysis Batch: 122212 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-18 | T-2 (12) | Total/NA | Solid | 8015 NM | |
| 890-8974-19 | T-3 (0.1) | Total/NA | Solid | 8015 NM | |
| 890-8974-20 | T-3 (2.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-21 | T-3 (3.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-22 | T-3 (4.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-23 | T-3 (5.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-24 | T-3 (6.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-25 | T-4 (0-1.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-26 | T-4 (2.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-27 | T-4 (3.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-28 | T-4 (4.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-29 | T-4 (5.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-30 | T-4 (6.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-31 | T-5 (0-1.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-32 | T-5 (2.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-33 | T-5 (3.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-34 | T-5 (4.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-35 | T-5 (5.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-36 | T-5 (6.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-37 | T-5 (7.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-38 | T-5 (8.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-39 | T-5 (9.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-40 | T-5 (10) | Total/NA | Solid | 8015 NM | |
| 890-8974-41 | T-5 (11) | Total/NA | Solid | 8015 NM | |
| 890-8974-42 | T-5 (12) | Total/NA | Solid | 8015 NM | |
| 890-8974-43 | T-6 (0-1.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-44 | T-6 (2.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-45 | T-6 (3.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-46 | T-6 (4.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-47 | T-6 (5.0) | Total/NA | Solid | 8015 NM | |
| 890-8974-48 | T-6 (6.0) | Total/NA | Solid | 8015 NM | |

## HPLC/IC

### Leach Batch: 121765

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-1 | T-1 (0-1.0) | Soluble | Solid | DI Leach | |
| 890-8974-2 | T-1 (2.0) | Soluble | Solid | DI Leach | |
| 890-8974-3 | T-1 (3.0) | Soluble | Solid | DI Leach | |
| 890-8974-4 | T-1 (4.0) | Soluble | Solid | DI Leach | |
| 890-8974-5 | T-1 (5.0) | Soluble | Solid | DI Leach | |
| 890-8974-6 | T-1 (6.0) | Soluble | Solid | DI Leach | |
| 890-8974-7 | T-2 (0-1.0) | Soluble | Solid | DI Leach | |
| 890-8974-8 | T-2 (2.0) | Soluble | Solid | DI Leach | |
| 890-8974-9 | T-2 (3.0) | Soluble | Solid | DI Leach | |
| 890-8974-10 | T-2 (4.0) | Soluble | Solid | DI Leach | |
| 890-8974-11 | T-2 (5.0) | Soluble | Solid | DI Leach | |
| 890-8974-12 | T-2 (6.0) | Soluble | Solid | DI Leach | |
| 890-8974-13 | T-2 (7.0) | Soluble | Solid | DI Leach | |
| 890-8974-14 | T-2 (8.0) | Soluble | Solid | DI Leach | |
| 890-8974-15 | T-2 (9.0) | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## HPLC/IC (Continued)

### Leach Batch: 121765 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-16 | T-2 (10) | Soluble | Solid | DI Leach | |
| MB 880-121765/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-121765/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-121765/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 890-8974-7 MS | T-2 (0-1.0) | Soluble | Solid | DI Leach | |
| 890-8974-7 MSD | T-2 (0-1.0) | Soluble | Solid | DI Leach | |

### Leach Batch: 121766

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-17 | T-2 (11) | Soluble | Solid | DI Leach | |
| 890-8974-18 | T-2 (12) | Soluble | Solid | DI Leach | |
| 890-8974-19 | T-3 (0.1) | Soluble | Solid | DI Leach | |
| 890-8974-20 | T-3 (2.0) | Soluble | Solid | DI Leach | |
| 890-8974-21 | T-3 (3.0) | Soluble | Solid | DI Leach | |
| 890-8974-22 | T-3 (4.0) | Soluble | Solid | DI Leach | |
| 890-8974-23 | T-3 (5.0) | Soluble | Solid | DI Leach | |
| 890-8974-24 | T-3 (6.0) | Soluble | Solid | DI Leach | |
| 890-8974-25 | T-4 (0-1.0) | Soluble | Solid | DI Leach | |
| 890-8974-26 | T-4 (2.0) | Soluble | Solid | DI Leach | |
| 890-8974-27 | T-4 (3.0) | Soluble | Solid | DI Leach | |
| 890-8974-28 | T-4 (4.0) | Soluble | Solid | DI Leach | |
| 890-8974-29 | T-4 (5.0) | Soluble | Solid | DI Leach | |
| 890-8974-30 | T-4 (6.0) | Soluble | Solid | DI Leach | |
| 890-8974-31 | T-5 (0-1.0) | Soluble | Solid | DI Leach | |
| 890-8974-32 | T-5 (2.0) | Soluble | Solid | DI Leach | |
| MB 880-121766/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-121766/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-121766/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 890-8974-17 MS | T-2 (11) | Soluble | Solid | DI Leach | |
| 890-8974-17 MSD | T-2 (11) | Soluble | Solid | DI Leach | |
| 890-8974-27 MS | T-4 (3.0) | Soluble | Solid | DI Leach | |
| 890-8974-27 MSD | T-4 (3.0) | Soluble | Solid | DI Leach | |

### Leach Batch: 121767

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-33 | T-5 (3.0) | Soluble | Solid | DI Leach | |
| 890-8974-34 | T-5 (4.0) | Soluble | Solid | DI Leach | |
| 890-8974-35 | T-5 (5.0) | Soluble | Solid | DI Leach | |
| 890-8974-36 | T-5 (6.0) | Soluble | Solid | DI Leach | |
| 890-8974-37 | T-5 (7.0) | Soluble | Solid | DI Leach | |
| 890-8974-38 | T-5 (8.0) | Soluble | Solid | DI Leach | |
| 890-8974-39 | T-5 (9.0) | Soluble | Solid | DI Leach | |
| 890-8974-40 | T-5 (10) | Soluble | Solid | DI Leach | |
| 890-8974-41 | T-5 (11) | Soluble | Solid | DI Leach | |
| 890-8974-42 | T-5 (12) | Soluble | Solid | DI Leach | |
| 890-8974-43 | T-6 (0-1.0) | Soluble | Solid | DI Leach | |
| 890-8974-44 | T-6 (2.0) | Soluble | Solid | DI Leach | |
| 890-8974-45 | T-6 (3.0) | Soluble | Solid | DI Leach | |
| 890-8974-46 | T-6 (4.0) | Soluble | Solid | DI Leach | |
| 890-8974-47 | T-6 (5.0) | Soluble | Solid | DI Leach | |
| 890-8974-48 | T-6 (6.0) | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## HPLC/IC (Continued)

### Leach Batch: 121767 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-121767/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-121767/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-121767/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 890-8974-33 MS | T-5 (3.0) | Soluble | Solid | DI Leach | |
| 890-8974-33 MSD | T-5 (3.0) | Soluble | Solid | DI Leach | |
| 890-8974-43 MS | T-6 (0-1.0) | Soluble | Solid | DI Leach | |
| 890-8974-43 MSD | T-6 (0-1.0) | Soluble | Solid | DI Leach | |

### Analysis Batch: 121829

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-1 | T-1 (0-1.0) | Soluble | Solid | 300.0 | 121765 |
| 890-8974-2 | T-1 (2.0) | Soluble | Solid | 300.0 | 121765 |
| 890-8974-3 | T-1 (3.0) | Soluble | Solid | 300.0 | 121765 |
| 890-8974-4 | T-1 (4.0) | Soluble | Solid | 300.0 | 121765 |
| 890-8974-5 | T-1 (5.0) | Soluble | Solid | 300.0 | 121765 |
| 890-8974-6 | T-1 (6.0) | Soluble | Solid | 300.0 | 121765 |
| 890-8974-7 | T-2 (0-1.0) | Soluble | Solid | 300.0 | 121765 |
| 890-8974-8 | T-2 (2.0) | Soluble | Solid | 300.0 | 121765 |
| 890-8974-9 | T-2 (3.0) | Soluble | Solid | 300.0 | 121765 |
| 890-8974-10 | T-2 (4.0) | Soluble | Solid | 300.0 | 121765 |
| 890-8974-11 | T-2 (5.0) | Soluble | Solid | 300.0 | 121765 |
| 890-8974-12 | T-2 (6.0) | Soluble | Solid | 300.0 | 121765 |
| 890-8974-13 | T-2 (7.0) | Soluble | Solid | 300.0 | 121765 |
| 890-8974-14 | T-2 (8.0) | Soluble | Solid | 300.0 | 121765 |
| 890-8974-15 | T-2 (9.0) | Soluble | Solid | 300.0 | 121765 |
| 890-8974-16 | T-2 (10) | Soluble | Solid | 300.0 | 121765 |
| MB 880-121765/1-A | Method Blank | Soluble | Solid | 300.0 | 121765 |
| LCS 880-121765/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 121765 |
| LCSD 880-121765/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 121765 |
| 890-8974-7 MS | T-2 (0-1.0) | Soluble | Solid | 300.0 | 121765 |
| 890-8974-7 MSD | T-2 (0-1.0) | Soluble | Solid | 300.0 | 121765 |

### Analysis Batch: 121830

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-33 | T-5 (3.0) | Soluble | Solid | 300.0 | 121767 |
| 890-8974-34 | T-5 (4.0) | Soluble | Solid | 300.0 | 121767 |
| 890-8974-35 | T-5 (5.0) | Soluble | Solid | 300.0 | 121767 |
| 890-8974-36 | T-5 (6.0) | Soluble | Solid | 300.0 | 121767 |
| 890-8974-37 | T-5 (7.0) | Soluble | Solid | 300.0 | 121767 |
| 890-8974-38 | T-5 (8.0) | Soluble | Solid | 300.0 | 121767 |
| 890-8974-39 | T-5 (9.0) | Soluble | Solid | 300.0 | 121767 |
| 890-8974-40 | T-5 (10) | Soluble | Solid | 300.0 | 121767 |
| 890-8974-41 | T-5 (11) | Soluble | Solid | 300.0 | 121767 |
| 890-8974-42 | T-5 (12) | Soluble | Solid | 300.0 | 121767 |
| 890-8974-43 | T-6 (0-1.0) | Soluble | Solid | 300.0 | 121767 |
| 890-8974-44 | T-6 (2.0) | Soluble | Solid | 300.0 | 121767 |
| 890-8974-45 | T-6 (3.0) | Soluble | Solid | 300.0 | 121767 |
| 890-8974-46 | T-6 (4.0) | Soluble | Solid | 300.0 | 121767 |
| 890-8974-47 | T-6 (5.0) | Soluble | Solid | 300.0 | 121767 |
| 890-8974-48 | T-6 (6.0) | Soluble | Solid | 300.0 | 121767 |
| MB 880-121767/1-A | Method Blank | Soluble | Solid | 300.0 | 121767 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## HPLC/IC (Continued)

### Analysis Batch: 121830 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| LCS 880-121767/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 121767 |
| LCSD 880-121767/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 121767 |
| 890-8974-33 MS | T-5 (3.0) | Soluble | Solid | 300.0 | 121767 |
| 890-8974-33 MSD | T-5 (3.0) | Soluble | Solid | 300.0 | 121767 |
| 890-8974-43 MS | T-6 (0-1.0) | Soluble | Solid | 300.0 | 121767 |
| 890-8974-43 MSD | T-6 (0-1.0) | Soluble | Solid | 300.0 | 121767 |

### Analysis Batch: 121831

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-8974-17 | T-2 (11) | Soluble | Solid | 300.0 | 121766 |
| 890-8974-18 | T-2 (12) | Soluble | Solid | 300.0 | 121766 |
| 890-8974-19 | T-3 (0.1) | Soluble | Solid | 300.0 | 121766 |
| 890-8974-20 | T-3 (2.0) | Soluble | Solid | 300.0 | 121766 |
| 890-8974-21 | T-3 (3.0) | Soluble | Solid | 300.0 | 121766 |
| 890-8974-22 | T-3 (4.0) | Soluble | Solid | 300.0 | 121766 |
| 890-8974-23 | T-3 (5.0) | Soluble | Solid | 300.0 | 121766 |
| 890-8974-24 | T-3 (6.0) | Soluble | Solid | 300.0 | 121766 |
| 890-8974-25 | T-4 (0-1.0) | Soluble | Solid | 300.0 | 121766 |
| 890-8974-26 | T-4 (2.0) | Soluble | Solid | 300.0 | 121766 |
| 890-8974-27 | T-4 (3.0) | Soluble | Solid | 300.0 | 121766 |
| 890-8974-28 | T-4 (4.0) | Soluble | Solid | 300.0 | 121766 |
| 890-8974-29 | T-4 (5.0) | Soluble | Solid | 300.0 | 121766 |
| 890-8974-30 | T-4 (6.0) | Soluble | Solid | 300.0 | 121766 |
| 890-8974-31 | T-5 (0-1.0) | Soluble | Solid | 300.0 | 121766 |
| 890-8974-32 | T-5 (2.0) | Soluble | Solid | 300.0 | 121766 |
| MB 880-121766/1-A | Method Blank | Soluble | Solid | 300.0 | 121766 |
| LCS 880-121766/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 121766 |
| LCSD 880-121766/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 121766 |
| 890-8974-17 MS | T-2 (11) | Soluble | Solid | 300.0 | 121766 |
| 890-8974-17 MSD | T-2 (11) | Soluble | Solid | 300.0 | 121766 |
| 890-8974-27 MS | T-4 (3.0) | Soluble | Solid | 300.0 | 121766 |
| 890-8974-27 MSD | T-4 (3.0) | Soluble | Solid | 300.0 | 121766 |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-1 (0-1.0)

**Lab Sample ID: 890-8974-1**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121789 | 10/22/25 12:15 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/25/25 23:37 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/25/25 23:37 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 14:21 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 121747 | 10/22/25 08:26 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122060 | 10/27/25 14:21 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 121765 | 10/22/25 09:22 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 10 mL | 10 mL | 121829 | 10/23/25 13:16 | SMC | EET MID |

## Client Sample ID: T-1 (2.0)

**Lab Sample ID: 890-8974-2**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121789 | 10/22/25 12:15 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/25/25 23:57 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/25/25 23:57 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 14:35 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 121747 | 10/22/25 08:26 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122060 | 10/27/25 14:35 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 121765 | 10/22/25 09:22 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 10 mL | 10 mL | 121829 | 10/23/25 13:33 | SMC | EET MID |

## Client Sample ID: T-1 (3.0)

**Lab Sample ID: 890-8974-3**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121789 | 10/22/25 12:15 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 00:17 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 00:17 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 14:50 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 121747 | 10/22/25 08:26 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122060 | 10/27/25 14:50 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 121765 | 10/22/25 09:22 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 10 mL | 10 mL | 121829 | 10/23/25 13:39 | SMC | EET MID |

## Client Sample ID: T-1 (4.0)

**Lab Sample ID: 890-8974-4**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121789 | 10/22/25 12:15 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 00:38 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 00:38 | SA | EET MID |

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# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-1 (4.0)

**Lab Sample ID: 890-8974-4**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | | | 122212 | 10/27/25 15:03 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 121747 | 10/22/25 08:26 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122060 | 10/27/25 15:03 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 121765 | 10/22/25 09:22 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 10 mL | 10 mL | 121829 | 10/23/25 13:45 | SMC | EET MID |

## Client Sample ID: T-1 (5.0)

**Lab Sample ID: 890-8974-5**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121789 | 10/22/25 12:15 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 00:58 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 00:58 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 15:18 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 121747 | 10/22/25 08:26 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122060 | 10/27/25 15:18 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 121765 | 10/22/25 09:22 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 10 mL | 10 mL | 121829 | 10/23/25 13:51 | SMC | EET MID |

## Client Sample ID: T-1 (6.0)

**Lab Sample ID: 890-8974-6**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121789 | 10/22/25 12:15 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 01:19 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 01:19 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 15:32 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 121747 | 10/22/25 08:26 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122060 | 10/27/25 15:32 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 121765 | 10/22/25 09:22 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 10 mL | 10 mL | 121829 | 10/23/25 13:57 | SMC | EET MID |

## Client Sample ID: T-2 (0-1.0)

**Lab Sample ID: 890-8974-7**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121789 | 10/22/25 12:15 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 01:39 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 01:39 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 15:46 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 121747 | 10/22/25 08:26 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122060 | 10/27/25 15:46 | SA | EET MID |

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# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-2 (0-1.0)

**Lab Sample ID: 890-8974-7**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121765 | 10/22/25 09:22 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 10 mL | 10 mL | 121829 | 10/23/25 14:03 | SMC | EET MID |

## Client Sample ID: T-2 (2.0)

**Lab Sample ID: 890-8974-8**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121789 | 10/22/25 12:15 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 02:00 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 02:00 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 16:01 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 121747 | 10/22/25 08:26 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122060 | 10/27/25 16:01 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 121765 | 10/22/25 09:22 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 10 mL | 10 mL | 121829 | 10/23/25 14:20 | SMC | EET MID |

## Client Sample ID: T-2 (3.0)

**Lab Sample ID: 890-8974-9**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121789 | 10/22/25 12:15 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 02:20 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 02:20 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 16:15 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 121747 | 10/22/25 08:26 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122060 | 10/27/25 16:15 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 121765 | 10/22/25 09:22 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 10 mL | 10 mL | 121829 | 10/23/25 14:26 | SMC | EET MID |

## Client Sample ID: T-2 (4.0)

**Lab Sample ID: 890-8974-10**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121789 | 10/22/25 12:15 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 02:40 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 02:40 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 16:44 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 121747 | 10/22/25 08:26 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122060 | 10/27/25 16:44 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 121765 | 10/22/25 09:22 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 10 mL | 10 mL | 121829 | 10/23/25 14:44 | SMC | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-2 (5.0)

**Lab Sample ID: 890-8974-11**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121789 | 10/22/25 12:15 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 04:31 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 04:31 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 16:58 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 121747 | 10/22/25 08:26 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122060 | 10/27/25 16:58 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 121765 | 10/22/25 09:22 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 10 mL | 10 mL | 121829 | 10/23/25 14:50 | SMC | EET MID |

## Client Sample ID: T-2 (6.0)

**Lab Sample ID: 890-8974-12**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121789 | 10/22/25 12:15 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 04:51 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 04:51 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 17:12 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 121747 | 10/22/25 08:26 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122060 | 10/27/25 17:12 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 121765 | 10/22/25 09:22 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 10 mL | 10 mL | 121829 | 10/23/25 14:55 | SMC | EET MID |

## Client Sample ID: T-2 (7.0)

**Lab Sample ID: 890-8974-13**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121789 | 10/22/25 12:15 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 05:11 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 05:11 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 17:28 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 121747 | 10/22/25 08:26 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122060 | 10/27/25 17:28 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 121765 | 10/22/25 09:22 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 10 mL | 10 mL | 121829 | 10/23/25 15:01 | SMC | EET MID |

## Client Sample ID: T-2 (8.0)

**Lab Sample ID: 890-8974-14**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121789 | 10/22/25 12:15 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 05:32 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 05:32 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-2 (8.0)

**Lab Sample ID: 890-8974-14**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | | | 122212 | 10/27/25 17:42 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 121747 | 10/22/25 08:26 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122060 | 10/27/25 17:42 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 121765 | 10/22/25 09:22 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 10 mL | 10 mL | 121829 | 10/23/25 15:07 | SMC | EET MID |

## Client Sample ID: T-2 (9.0)

**Lab Sample ID: 890-8974-15**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121789 | 10/22/25 12:15 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 05:52 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 05:52 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 17:56 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 121747 | 10/22/25 08:26 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122060 | 10/27/25 17:56 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 121765 | 10/22/25 09:22 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 10 mL | 10 mL | 121829 | 10/23/25 15:13 | SMC | EET MID |

## Client Sample ID: T-2 (10)

**Lab Sample ID: 890-8974-16**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121789 | 10/22/25 12:15 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 06:13 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 06:13 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 18:11 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 121747 | 10/22/25 08:26 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122060 | 10/27/25 18:11 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 121765 | 10/22/25 09:22 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 10 mL | 10 mL | 121829 | 10/23/25 15:19 | SMC | EET MID |

## Client Sample ID: T-2 (11)

**Lab Sample ID: 890-8974-17**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121789 | 10/22/25 12:15 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 06:33 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 06:33 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 18:24 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 121747 | 10/22/25 08:26 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122060 | 10/27/25 18:24 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-2 (11)

**Lab Sample ID: 890-8974-17**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 121766 | 10/22/25 09:23 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 10 mL | 10 mL | 121831 | 10/23/25 09:38 | SMC | EET MID |

## Client Sample ID: T-2 (12)

**Lab Sample ID: 890-8974-18**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121789 | 10/22/25 12:15 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 06:54 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 06:54 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 18:39 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 121747 | 10/22/25 08:26 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122060 | 10/27/25 18:39 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 121766 | 10/22/25 09:23 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 10 mL | 10 mL | 121831 | 10/23/25 09:56 | SMC | EET MID |

## Client Sample ID: T-3 (0.1)

**Lab Sample ID: 890-8974-19**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121789 | 10/22/25 12:15 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 07:14 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 07:14 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 18:53 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 121747 | 10/22/25 08:26 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122060 | 10/27/25 18:53 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 121766 | 10/22/25 09:23 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 10 mL | 10 mL | 121831 | 10/23/25 10:02 | SMC | EET MID |

## Client Sample ID: T-3 (2.0)

**Lab Sample ID: 890-8974-20**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121789 | 10/22/25 12:15 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 07:34 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 07:34 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 20:38 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 121748 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/27/25 20:38 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 121766 | 10/22/25 09:23 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 10 mL | 10 mL | 121831 | 10/23/25 10:08 | SMC | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-3 (3.0)

**Lab Sample ID: 890-8974-21**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121790 | 10/22/25 12:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 11:12 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 11:12 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 21:20 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 121748 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/27/25 21:20 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 121766 | 10/22/25 09:23 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 10 mL | 10 mL | 121831 | 10/23/25 10:14 | SMC | EET MID |

## Client Sample ID: T-3 (4.0)

**Lab Sample ID: 890-8974-22**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121790 | 10/22/25 12:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 11:33 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 11:33 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 21:36 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 121748 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/27/25 21:36 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 121766 | 10/22/25 09:23 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 10 mL | 10 mL | 121831 | 10/23/25 10:31 | SMC | EET MID |

## Client Sample ID: T-3 (5.0)

**Lab Sample ID: 890-8974-23**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121790 | 10/22/25 12:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 11:53 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 11:53 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 21:49 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 121748 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/27/25 21:49 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 121766 | 10/22/25 09:23 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 10 mL | 10 mL | 121831 | 10/23/25 10:37 | SMC | EET MID |

## Client Sample ID: T-3 (6.0)

**Lab Sample ID: 890-8974-24**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121790 | 10/22/25 12:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 12:14 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 12:14 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-3 (6.0)

**Lab Sample ID: 890-8974-24**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | | | 122212 | 10/27/25 22:04 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 121748 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/27/25 22:04 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 121766 | 10/22/25 09:23 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 10 mL | 10 mL | 121831 | 10/23/25 10:43 | SMC | EET MID |

## Client Sample ID: T-4 (0-1.0)

**Lab Sample ID: 890-8974-25**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121790 | 10/22/25 12:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 12:34 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 12:34 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 22:18 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 121748 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/27/25 22:18 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 121766 | 10/22/25 09:23 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 10 mL | 10 mL | 121831 | 10/23/25 10:49 | SMC | EET MID |

## Client Sample ID: T-4 (2.0)

**Lab Sample ID: 890-8974-26**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121790 | 10/22/25 12:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 12:54 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 12:54 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 22:32 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 121748 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/27/25 22:32 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 121766 | 10/22/25 09:23 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 10 mL | 10 mL | 121831 | 10/23/25 10:55 | SMC | EET MID |

## Client Sample ID: T-4 (3.0)

**Lab Sample ID: 890-8974-27**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121790 | 10/22/25 12:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 13:15 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 13:15 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 22:47 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 121748 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/27/25 22:47 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-4 (3.0)

**Lab Sample ID: 890-8974-27**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 121766 | 10/22/25 09:23 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 10 mL | 10 mL | 121831 | 10/23/25 11:01 | SMC | EET MID |

## Client Sample ID: T-4 (4.0)

**Lab Sample ID: 890-8974-28**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121790 | 10/22/25 12:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 13:35 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 13:35 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 23:01 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 121748 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/27/25 23:01 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 121766 | 10/22/25 09:23 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 10 mL | 10 mL | 121831 | 10/23/25 11:18 | SMC | EET MID |

## Client Sample ID: T-4 (5.0)

**Lab Sample ID: 890-8974-29**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121790 | 10/22/25 12:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 13:55 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 13:55 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 23:16 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 121748 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/27/25 23:16 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 121766 | 10/22/25 09:23 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 10 mL | 10 mL | 121831 | 10/23/25 11:24 | SMC | EET MID |

## Client Sample ID: T-4 (6.0)

**Lab Sample ID: 890-8974-30**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121790 | 10/22/25 12:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 14:16 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 14:16 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 23:45 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 121748 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/27/25 23:45 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 121766 | 10/22/25 09:23 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 10 mL | 10 mL | 121831 | 10/23/25 11:42 | SMC | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-5 (0-1.0)

**Lab Sample ID: 890-8974-31**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121790 | 10/22/25 12:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 16:06 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 16:06 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/27/25 23:59 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 121748 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/27/25 23:59 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 121766 | 10/22/25 09:23 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 10 mL | 10 mL | 121831 | 10/23/25 11:48 | SMC | EET MID |

## Client Sample ID: T-5 (2.0)

**Lab Sample ID: 890-8974-32**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121790 | 10/22/25 12:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 16:27 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 16:27 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/28/25 00:14 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 121748 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/28/25 00:14 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 121766 | 10/22/25 09:23 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 10 mL | 10 mL | 121831 | 10/23/25 11:53 | SMC | EET MID |

## Client Sample ID: T-5 (3.0)

**Lab Sample ID: 890-8974-33**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121790 | 10/22/25 12:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 16:47 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 16:47 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/28/25 00:28 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 121748 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/28/25 00:28 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 121767 | 10/22/25 09:25 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 10 mL | 10 mL | 121830 | 10/23/25 13:29 | SMC | EET MID |

## Client Sample ID: T-5 (4.0)

**Lab Sample ID: 890-8974-34**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121790 | 10/22/25 12:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 17:08 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 17:08 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-5 (4.0)

**Lab Sample ID: 890-8974-34**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | | | 122212 | 10/28/25 00:42 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 121748 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/28/25 00:42 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 121767 | 10/22/25 09:25 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 10 mL | 10 mL | 121830 | 10/23/25 13:45 | SMC | EET MID |

## Client Sample ID: T-5 (5.0)

**Lab Sample ID: 890-8974-35**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121790 | 10/22/25 12:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 17:28 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 17:28 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/28/25 00:56 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 121748 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/28/25 00:56 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 121767 | 10/22/25 09:25 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 10 mL | 10 mL | 121830 | 10/23/25 13:50 | SMC | EET MID |

## Client Sample ID: T-5 (6.0)

**Lab Sample ID: 890-8974-36**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121790 | 10/22/25 12:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 17:49 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 17:49 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/28/25 01:10 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 121748 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/28/25 01:10 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 121767 | 10/22/25 09:25 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 10 mL | 10 mL | 121830 | 10/23/25 13:56 | SMC | EET MID |

## Client Sample ID: T-5 (7.0)

**Lab Sample ID: 890-8974-37**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121790 | 10/22/25 12:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 18:09 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 18:09 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/28/25 01:25 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 121748 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/28/25 01:25 | SA | EET MID |

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# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-5 (7.0)

**Lab Sample ID: 890-8974-37**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 121767 | 10/22/25 09:25 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 10 mL | 10 mL | 121830 | 10/23/25 14:01 | SMC | EET MID |

## Client Sample ID: T-5 (8.0)

**Lab Sample ID: 890-8974-38**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121790 | 10/22/25 12:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 18:30 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 18:30 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/28/25 01:39 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 121748 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/28/25 01:39 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 121767 | 10/22/25 09:25 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 10 mL | 10 mL | 121830 | 10/23/25 14:17 | SMC | EET MID |

## Client Sample ID: T-5 (9.0)

**Lab Sample ID: 890-8974-39**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121790 | 10/22/25 12:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 18:50 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 18:50 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/28/25 01:54 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 121748 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/28/25 01:54 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 121767 | 10/22/25 09:25 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 10 mL | 10 mL | 121830 | 10/23/25 14:22 | SMC | EET MID |

## Client Sample ID: T-5 (10)

**Lab Sample ID: 890-8974-40**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121790 | 10/22/25 12:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122028 | 10/26/25 19:10 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 19:10 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/28/25 03:49 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 121749 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/28/25 03:49 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 121767 | 10/22/25 09:25 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 10 mL | 10 mL | 121830 | 10/23/25 14:27 | SMC | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-5 (11)

**Lab Sample ID: 890-8974-41**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121792 | 10/22/25 12:25 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122027 | 10/26/25 20:28 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 20:28 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/28/25 04:32 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 121749 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/28/25 04:32 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 121767 | 10/22/25 09:25 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 10 mL | 10 mL | 121830 | 10/23/25 14:32 | SMC | EET MID |

## Client Sample ID: T-5 (12)

**Lab Sample ID: 890-8974-42**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121792 | 10/22/25 12:25 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122027 | 10/26/25 20:48 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 20:48 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/28/25 04:46 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 121749 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/28/25 04:46 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 121767 | 10/22/25 09:25 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 10 mL | 10 mL | 121830 | 10/23/25 14:38 | SMC | EET MID |

## Client Sample ID: T-6 (0-1.0)

**Lab Sample ID: 890-8974-43**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121792 | 10/22/25 12:25 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122027 | 10/26/25 21:08 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 21:08 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/28/25 05:01 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 121749 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/28/25 05:01 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 121767 | 10/22/25 09:25 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 10 mL | 10 mL | 121830 | 10/23/25 14:43 | SMC | EET MID |

## Client Sample ID: T-6 (2.0)

**Lab Sample ID: 890-8974-44**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121792 | 10/22/25 12:25 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122027 | 10/26/25 21:29 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 21:29 | SA | EET MID |

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# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-6 (2.0)

**Lab Sample ID: 890-8974-44**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | | | 122212 | 10/28/25 05:15 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 121749 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/28/25 05:15 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 121767 | 10/22/25 09:25 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | 10 mL | 10 mL | 121830 | 10/23/25 14:59 | SMC | EET MID |

## Client Sample ID: T-6 (3.0)

**Lab Sample ID: 890-8974-45**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121792 | 10/22/25 12:25 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122027 | 10/26/25 21:49 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 21:49 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/28/25 05:30 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 121749 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/28/25 05:30 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 121767 | 10/22/25 09:25 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 10 mL | 10 mL | 121830 | 10/23/25 15:04 | SMC | EET MID |

## Client Sample ID: T-6 (4.0)

**Lab Sample ID: 890-8974-46**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121792 | 10/22/25 12:25 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122027 | 10/26/25 22:10 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 22:10 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/28/25 05:45 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 121749 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/28/25 05:45 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 121767 | 10/22/25 09:25 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 10 mL | 10 mL | 121830 | 10/23/25 15:20 | SMC | EET MID |

## Client Sample ID: T-6 (5.0)

**Lab Sample ID: 890-8974-47**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121792 | 10/22/25 12:25 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122027 | 10/26/25 22:30 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 22:30 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/28/25 05:58 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 121749 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/28/25 05:58 | SA | EET MID |

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# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Client Sample ID: T-6 (5.0)

**Lab Sample ID: 890-8974-47**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121767 | 10/22/25 09:25 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 10 mL | 10 mL | 121830 | 10/23/25 15:25 | SMC | EET MID |

## Client Sample ID: T-6 (6.0)

**Lab Sample ID: 890-8974-48**
**Matrix: Solid**
**Date Collected: 10/16/25 00:00**
**Date Received: 10/21/25 11:49**

| 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 | 121792 | 10/22/25 12:25 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 122027 | 10/26/25 22:50 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 122142 | 10/26/25 22:50 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 122212 | 10/28/25 06:12 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 121749 | 10/22/25 08:27 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 122062 | 10/28/25 06:12 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 121767 | 10/22/25 09:25 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 10 mL | 10 mL | 121830 | 10/23/25 15:30 | SMC | 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: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

## Laboratory: Eurofins Midland

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

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| Texas | NELAP | T104704400 | 06-30-26 |

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

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

# Method Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 890-8974-1
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: Riser 121 (06.29.2025)

Job ID: 890-8974-1
SDG: Lea County New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 890-8974-1 | T-1 (0-1.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-2 | T-1 (2.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-3 | T-1 (3.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-4 | T-1 (4.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-5 | T-1 (5.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-6 | T-1 (6.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-7 | T-2 (0-1.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-8 | T-2 (2.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-9 | T-2 (3.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-10 | T-2 (4.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-11 | T-2 (5.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-12 | T-2 (6.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-13 | T-2 (7.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-14 | T-2 (8.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-15 | T-2 (9.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-16 | T-2 (10) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-17 | T-2 (11) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-18 | T-2 (12) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-19 | T-3 (0.1) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-20 | T-3 (2.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-21 | T-3 (3.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-22 | T-3 (4.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-23 | T-3 (5.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-24 | T-3 (6.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-25 | T-4 (0-1.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-26 | T-4 (2.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-27 | T-4 (3.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-28 | T-4 (4.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-29 | T-4 (5.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-30 | T-4 (6.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-31 | T-5 (0-1.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-32 | T-5 (2.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-33 | T-5 (3.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-34 | T-5 (4.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-35 | T-5 (5.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-36 | T-5 (6.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-37 | T-5 (7.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-38 | T-5 (8.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-39 | T-5 (9.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-40 | T-5 (10) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-41 | T-5 (11) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-42 | T-5 (12) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-43 | T-6 (0-1.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-44 | T-6 (2.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-45 | T-6 (3.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-46 | T-6 (4.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-47 | T-6 (5.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |
| 890-8974-48 | T-6 (6.0) | Solid | 10/16/25 00:00 | 10/21/25 11:49 | Texas |

Released to Imaging: 4/30/2026 3:42:59 PM
Received by OCD: 4/9/2026 10:32:47 AM

# Chain of Custody

890-8974 Chain of Custody



| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ rownfields ☐ RC ☐ perfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | ☑ Routine ☐ Rush |
| Project Number: | 2783 | Due Date: | Normal |
| Project Location | Lea County, New Mexico | | |
| Sampler's Name: | KR | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | ~~Yes~~ No | Wet Ice: | Yes No |
| Received Intact: | Yes No | Thermometer ID: | TNR#7 |
| Cooler Custody Seals: | Yes No N/A | Correction Factor: | -0.2 |
| Sample Custody Seals: | Yes No N/A | Temperature Reading: | -14.8 |
| Total Containers: | | Corrected Temperature: | -14.6 |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2S0_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T-1 (0-1.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-1 (2.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-1 (3.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-1 (4.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-1 (5.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-1 (6.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-2 (0-1.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-2 (2.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-2 (3.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-2 (4.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |

**Comments:**

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 10/21 11:59 | | 11:49 10/21 |
| | | | |

Released to Imaging: 4/30/2026 3:42:59 PM
Received by OCD: 4/9/2026 10:32:47 AM

# Chain of Custody

**Work Order No:** _____



| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | |
| Project Number: | 2783 | ☑ Routine ☐ Rush | |
| Project Location | Lea County, New Mexico | Due Date: | Normal |
| Sampler's Name: | KR | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes No | Wet Ice: | Yes No |
| Received Intact: | Yes No | Thermometer ID: | #dfm007 |
| Cooler Custody Seals: | Yes No N/A | Correction Factor: | 0.2 |
| Sample Custody Seals: | Yes No N/A | Temperature Reading: | -14.8 |
| Total Containers: | | Corrected Temperature: | -14.6 |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2S0_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T-2 (5.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-2 (6.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-2 (7.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-2 (8.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-2 (9.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-2 (10') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-2 (11') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-2 (12') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-3 (0-1') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-3 (2.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |

**Comments:**

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 10-21 11:59 | | 11:49 10/21 |

Released to Imaging: 4/30/2026 3:42:59 PM
Received by OCD: 4/9/2026 10:32:47 AM

# Chain of Custody

**Work Order No:** _____



| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | |
| Project Number: | 2783 | ☑ Routine ☐ Rush | |
| Project Location | Lea County, New Mexico | Due Date: | Normal |
| Sampler's Name: | KR | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes No | Wet Ice: | Yes No |
| Received Intact: | Yes No | Thermometer ID: | TMuoy |
| Cooler Custody Seals: | Yes No N/A | Correction Factor: | -0.2 |
| Sample Custody Seals: | Yes No N/A | Temperature Reading: | -14.8 |
| Total Containers: | | Corrected Temperature: | 14.6 |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2S0_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Parameters: BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| T-3 (3.0') | 10/16/2025 | | X | | Grab | 1 | X | X | X | | |
| T-3 (4.0') | 10/16/2025 | | X | | Grab | 1 | X | X | X | | |
| T-3 (5.0') | 10/16/2025 | | X | | Grab | 1 | X | X | X | | |
| T-3 (6.0') | 10/16/2025 | | X | | Grab | 1 | X | X | X | | |
| T-4 (0-1.0') | 10/16/2025 | | X | | Grab | 1 | X | X | X | | |
| T-4 (2.0') | 10/16/2025 | | X | | Grab | 1 | X | X | X | | |
| T-4 (3.0') | 10/16/2025 | | X | | Grab | 1 | X | X | X | | |
| T-4 (4.0') | 10/16/2025 | | X | | Grab | 1 | X | X | X | | |
| T-4 (5.0') | 10/16/2025 | | X | | Grab | 1 | X | X | X | | |
| T-4 (6.0') | 10/16/2025 | | X | | Grab | 1 | X | X | X | | |

**Comments:**

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 10-21 11:49 | | 11:49 10/21 |
| | | | |
| | | | |

Released to Imaging: 4/30/2026 3:42:59 PM
Received by OCD: 4/9/2026 10:32:47 AM

# Chain of Custody

**Work Order No:** _____



| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | ☑ Routine ☐ Rush |
| Project Number: | 2783 | Due Date: | Normal |
| Project Location | Lea County, New Mexico | | |
| Sampler's Name: | KR | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | ~~Yes~~ No | Wet Ice: | ~~Yes~~ No |
| Received Intact: | ~~Yes~~ No | Thermometer ID: | TMH-0012 |
| Cooler Custody Seals: | Yes No N/A | Correction Factor: | -0.2 |
| Sample Custody Seals: | Yes No ~~N/A~~ | Temperature Reading: | -14.8 |
| Total Containers: | | Corrected Temperature: | -14.6 |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2S0_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | Parameters: BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T-5 (0-1.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-5 (2.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-5 (3.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-5 (4.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-5 (5.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-5 (6.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-5 (7.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-5 (8.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-5 (9.0') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |
| T-5 (10') | 10/16/2025 | | X | | Grab | 1 | | X | X | X | | |

**Comments:**

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 10-21 11:59 | | 11:49 10/21 |
| | | | |
| | | | |

Released to Imaging: 4/30/2026 3:42:59 PM
Received by OCD: 4/9/2026 10:32:47 AM

# Chain of Custody

**Work Order No:** _____



| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | ☑ Routine ☐ Rush |
| Project Number: | 2783 | Due Date: | Normal |
| Project Location | Lea County, New Mexico | | |
| Sampler's Name: | KR | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes No | Wet Ice: | Yes No |
| Received Intact: | Yes No | Thermometer ID: | IR#7 |
| Cooler Custody Seals: | Yes No N/A | Correction Factor: | -0.2 |
| Sample Custody Seals: | Yes No N/A | Temperature Reading: | -14.8 |
| Total Containers: | | Corrected Temperature: | -14.6 |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2S0_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Parameters: BTEX 8021B | TPH 8015M (GRO + DRO + MRO) | Chloride 300.0 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| T-5 (11') | 10/16/2025 | | X | | Grab | 1 | X | X | X | | |
| T-5 (12') | 10/16/2025 | | X | | Grab | 1 | X | X | X | | |
| T-6 (0-1.0') | 10/16/2025 | | X | | Grab | 1 | X | X | X | | |
| T-6 (2.0') | 10/16/2025 | | X | | Grab | 1 | X | X | X | | |
| T-6 (3.0') | 10/16/2025 | | X | | Grab | 1 | X | X | X | | |
| T-6 (4.0') | 10/16/2025 | | X | | Grab | 1 | X | X | X | | |
| T-6 (5.0') | 10/16/2025 | | X | | Grab | 1 | X | X | X | | |
| T-6 (6.0') | 10/16/2025 | | X | | Grab | 1 | X | X | X | | |

**Comments:**

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 10-21 11:59 | | 11:44 10/ |



10/28/2025

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

# Chain of Custody Record

eurofins | Environment Testing

| Client Information (Sub Contract Lab) | Sampler: N/A | Lab PM: Kramer, Jessica | Carrier Tracking No(s): N/A | COC No: 890-6006.1 |
|---|---|---|---|---|
| Client Contact: Shipping/Receiving | Phone: N/A | E-Mail: Jessica.Kramer@et.eurofinsus.com | State of Origin: Texas | Page: Page 1 of 6 |
| Company: Eurofins Environment Testing South Centr | | Accreditations Required (See note): NELAP - Texas | | Job #: 890-8974-1 |
| Address: 1211 W. Florida Ave, , | Due Date Requested: 10/27/2025 | | | Preservation Codes: - |
| City: Midland | TAT Requested (days): N/A | | | |
| State, Zip: TX, 79701 | | | | |
| Phone: 432-704-5440(Tel) | PO #: N/A | | | |
| Email: N/A | WO #: N/A | | | |
| Project Name: Riser 121 (06.29.2025) | Project #: 88001161 | | | |
| Site: N/A | SSOW#: N/A | | | Other: N/A |

| Sample Identification - Client ID (Lab ID) | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8021B/5035FP_CalcBTEX | Total_BTEX_GCV | 8015MOD_Calc | 8015MOD_NM/8015NM_S_PrepFull TPH | 300_ORGFM_28D/DI_LEACHChloride | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | | | | | | |
| T-1 (0-1.0) (890-8974-1) | 10/16/25 | Central | G | Solid | | | X | X | X | X | X | 1 | |
| T-1 (2.0) (890-8974-2) | 10/16/25 | Central | G | Solid | | | X | X | X | X | X | 1 | |
| T-1 (3.0) (890-8974-3) | 10/16/25 | Central | G | Solid | | | X | X | X | X | X | 1 | |
| T-1 (4.0) (890-8974-4) | 10/16/25 | Central | G | Solid | | | X | X | X | X | X | 1 | |
| T-1 (5.0) (890-8974-5) | 10/16/25 | Central | G | Solid | | | X | X | X | X | X | 1 | |
| T-1 (6.0) (890-8974-6) | 10/16/25 | Central | G | Solid | | | X | X | X | X | X | 1 | |
| T-2 (0-1.0) (890-8974-7) | 10/16/25 | Central | G | Solid | | | X | X | X | X | X | 1 | |
| T-2 (2.0) (890-8974-8) | 10/16/25 | Central | G | Solid | | | X | X | X | X | X | 1 | |
| T-2 (3.0) (890-8974-9) | 10/16/25 | Central | G | Solid | | | X | X | X | X | X | 1 | |

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

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

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: 10/22/25 800 | Company |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

| Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 2.9/2.8 -.1 TR8 |
|---|---|---|

Ver: 10/10/2024

Received by OCD: 4/9/2026 10:32:47 AM

Released to Imaging: 4/30/2026 3:42:59 PM

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

# Chain of Custody Record

eurofins | Environment Testing

| Client Information (Sub Contract Lab) | Sampler: N/A | Lab PM: Kramer, Jessica | Carrier Tracking No(s): N/A | COC No: 890-6005.2 |
|---|---|---|---|---|
| Client Contact: Shipping/Receiving | Phone: N/A | E-Mail: Jessica.Kramer@et.eurofinsus.com | State of Origin: New Mexico | Page: Page 2 of 2 |
| Company: Eurofins Environment Testing South Centr | | Accreditations Required (See note): NELAP - Louisiana; NELAP - Texas | | Job #: 890-8973-1 |
| Address: 1211 W. Florida Ave, , | Due Date Requested: 10/24/2025 | | | Preservation Codes: - |
| City: Midland | TAT Requested (days): N/A | | | |
| State, Zip: TX, 79701 | | | | |
| Phone: 432-704-5440(Tel) | PO #: N/A | | | |
| Email: N/A | WO #: N/A | | | |
| Project Name: phillips E state #29 | Project #: 89000233 | | | |
| Site: N/A | SSOW#: N/A | | | Other: N/A |

| Sample Identification - Client ID (Lab ID) | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015MOD_NM/8015NM_S_Prep(MOD) Full TPH | 8021B/5035FP_CalcBTEX | 300_ORGFM_28D/DI_LEACHChloride | Total_BTEX_GCV | 8015MOD_Calc | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | | | | | | |
| BH-36 (4.0) (890-8973-10) | 10/21/25 | 09:45 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| BH-27 (4.0) (890-8973-11) | 10/21/25 | 09:50 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| BH-28 (4.0) (890-8973-12) | 10/21/25 | 10:00 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| BH-44 (4.0) (890-8973-13) | 10/21/25 | 10:05 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| BH-45 (4.0) (890-8973-14) | 10/21/25 | 10:10 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| BH-46 (4.0) (890-8973-15) | 10/21/25 | 10:15 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| BH-47 (4.0) (890-8973-16) | 10/21/25 | 10:20 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| BH-48 (4.0) (890-8973-17) | 10/21/25 | 10:25 Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| | | | | | | | | | | | | | |

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

| ***Possible Hazard Identification*** *Unconfirmed* | ***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months* |
|---|---|
| Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2 | Special Instructions/QC Requirements: |

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: 10/22/25 | Company |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

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

Ver: 10/10/2024

Received by OCD: 4/9/2026 10:32:47 AM
Released to Imaging: 4/30/2026 3:42:59 PM
10/28/2025
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# Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-8974-1
SDG Number: Lea County New Mexico

**Login Number: 8974**
**List Number: 1**
**Creator: Lopez, Abraham**

**List Source: Eurofins Carlsbad**

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

# Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-8974-1
SDG Number: Lea County New Mexico

**Login Number: 8974**
**List Number: 2**
**Creator: Laing, Edmundo**

**List Source: Eurofins Midland**
**List Creation: 10/22/25 07:27 AM**

| 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 | |

eurofins | Environment Testing



# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 12/4/2025 10:13:51 AM

## JOB DESCRIPTION

RISER 121 (06.29.2025)
2783

## JOB NUMBER

890-9135-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.



Released to Imaging: 4/30/2026 3:42:39 PM

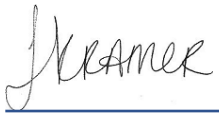
# Eurofins Carlsbad

## 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
12/4/2025 10:13:51 AM

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

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Laboratory Job ID: 890-9135-1
SDG: 2783

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# Definitions/Glossary

Client: Carmona Resources Job ID: 890-9135-1
Project/Site: RISER 121 (06.29.2025) SDG: 2783

## Qualifiers

### GC VOA

| Qualifier | Qualifier Description |
|---|---|
| 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 |
|---|---|
| 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: RISER 121 (06.29.2025)

Job ID: 890-9135-1

## Job ID: 890-9135-1 Eurofins Carlsbad

**Job Narrative**
**890-9135-1**

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 11/24/2025 12:55 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 -10.6°C.

**Receipt Exceptions**
The following samples were received and analyzed from an unpreserved bulk soil jar: BH - 1 (0-1') (890-9135-1), BH - 1 (2') (890-9135-2), BH - 1 (3') (890-9135-3), BH - 1 (4') (890-9135-4), BH - 1 (5') (890-9135-5), BH - 1 (6') (890-9135-6), BH - 1 (7') (890-9135-7), BH - 1 (8') (890-9135-8), BH - 1 (9') (890-9135-9), BH - 1 (10') (890-9135-10), BH - 1 (11') (890-9135-11), BH - 1 (12') (890-9135-12), BH - 1 (13') (890-9135-13), BH - 1 (14') (890-9135-14), BH - 1 (15') (890-9135-15), BH - 2 (0-1') (890-9135-16), BH - 2 (2') (890-9135-17), BH - 2 (3') (890-9135-18), BH - 2 (4') (890-9135-19), BH - 2 (5') (890-9135-20), BH - 2 (6') (890-9135-21), BH - 2 (7') (890-9135-22), BH - 2 (8') (890-9135-23), BH - 2 (9') (890-9135-24), BH - 2 (10') (890-9135-25), BH - 2 (11') (890-9135-26), BH - 2 (12') (890-9135-27), BH - 2 (13') (890-9135-28), BH - 2 (14') (890-9135-29), BH - 2 (15') (890-9135-30), BH - 2 (20') (890-9135-31), BH - 5 (0') (890-9135-32), BH - 5 (2') (890-9135-33), BH - 5 (3') (890-9135-34), BH - 5 (4') (890-9135-35), BH - 5 (5') (890-9135-36), BH - 5 (6') (890-9135-37), BH - 5 (7') (890-9135-38), BH - 5 (8') (890-9135-39), BH - 5 (9') (890-9135-40), BH - 5 (10') (890-9135-41), BH - 5 (11') (890-9135-42), BH - 5 (12') (890-9135-43), BH - 5 (13') (890-9135-44), BH - 5 (14') (890-9135-45), BH - 5 (15') (890-9135-46) and BH - 5 (20') (890-9135-47).

**GC VOA**
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-124992 and 880-124995 and analytical batch 880-125203 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 surrogate recovery for the blank associated with preparation batch 880-124992 and 880-124995 and analytical batch 880-125203 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH - 1 (3') (890-9135-3), BH - 1 (4') (890-9135-4), BH - 1 (9') (890-9135-9), BH - 1 (10') (890-9135-10), BH - 1 (15') (890-9135-15), BH - 2 (2') (890-9135-17), BH - 2 (3') (890-9135-18), BH - 2 (4') (890-9135-19), BH - 2 (5') (890-9135-20), BH - 2 (10') (890-9135-25), BH - 2 (11') (890-9135-26), BH - 2 (13') (890-9135-28), BH - 2 (14') (890-9135-29), BH - 2 (15') (890-9135-30), BH - 5 (3') (890-9135-34), BH - 5 (5') (890-9135-36), BH - 5 (7') (890-9135-38) and BH - 5 (9') (890-9135-40). 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 and precision for preparation batch 880-125169 and analytical batch 880-125311 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

**Diesel Range Organics**
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: BH - 1 (0-1') (890-9135-1), BH - 1 (2') (890-9135-2), BH - 1 (3') (890-9135-3), (LCS 880-124987/2-A), (LCSD 880-124987/3-A), (880-65392-A-14-A), (880-65392-A-14-B MS) and (880-65392-A-14-C MSD). Evidence of matrix interferences is not obvious.

# Case Narrative

Client: Carmona Resources
Project: RISER 121 (06.29.2025)

Job ID: 890-9135-1

## Job ID: 890-9135-1 (Continued) Eurofins Carlsbad

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-124987 and analytical batch 880-125269 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside the upper control limit: BH - 2 (11') (890-9135-26), BH - 2 (12') (890-9135-27), BH - 2 (20') (890-9135-31), BH - 5 (0') (890-9135-32), BH - 5 (4') (890-9135-35) and BH - 5 (6') (890-9135-37). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: BH - 2 (9') (890-9135-24), (890-9135-A-24-E MS) and (890-9135-A-24-F MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-124993/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

**HPLC/IC**

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-125076 and analytical batch 880-125140 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 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-125077 and analytical batch 880-125160 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.

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

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

**Lab Sample ID: 890-9135-1**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:03 | 11/28/25 22:31 | 1 |
| Toluene | <0.00201 | U F1 | 0.00201 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 22:31 | 1 |
| Ethylbenzene | <0.00201 | U F1 | 0.00201 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 22:31 | 1 |
| m,p-Xylenes | <0.00402 | U F1 | 0.00402 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 22:31 | 1 |
| o-Xylene | <0.00201 | U F1 | 0.00201 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 22:31 | 1 |
| Xylenes, Total | <0.00402 | U F1 | 0.00402 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 22:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* | *11/25/25 08:03* | *11/28/25 22:31* | *1* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* | *11/25/25 08:03* | *11/28/25 22:31* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 11/28/25 22:31 | 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 | | | 12/02/25 06:33 | 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 | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:46 | 12/02/25 06:33 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:46 | 12/02/25 06:33 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:46 | 12/02/25 06:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *140* | *S1+* | *70 - 130* | *11/25/25 07:46* | *12/02/25 06:33* | *1* |
| *o-Terphenyl (Surr)* | *122* | | *70 - 130* | *11/25/25 07:46* | *12/02/25 06:33* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1160** | | 49.9 | | mg/Kg | | | 11/26/25 18:00 | 5 |

## Client Sample ID: BH - 1 (2')

**Lab Sample ID: 890-9135-2**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:03 | 11/28/25 22:52 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 22:52 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 22:52 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 22:52 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 22:52 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 22:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *129* | | *70 - 130* | *11/25/25 08:03* | *11/28/25 22:52* | *1* |
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *11/25/25 08:03* | *11/28/25 22:52* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 1 (2')

**Lab Sample ID: 890-9135-2**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | | 11/28/25 22:52 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 12/02/25 06:47 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 11/25/25 07:46 | 12/02/25 06:47 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 11/25/25 07:46 | 12/02/25 06:47 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 11/25/25 07:46 | 12/02/25 06:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *137* | *S1+* | *70 - 130* | *11/25/25 07:46* | *12/02/25 06:47* | *1* |
| *o-Terphenyl (Surr)* | *119* | | *70 - 130* | *11/25/25 07:46* | *12/02/25 06:47* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2030** | | 50.0 | | mg/Kg | | | 11/26/25 18:05 | 5 |

## Client Sample ID: BH - 1 (3')

**Lab Sample ID: 890-9135-3**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:03 | 11/28/25 23:12 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 23:12 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 23:12 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 23:12 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 23:12 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 23:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *133* | *S1+* | *70 - 130* | *11/25/25 08:03* | *11/28/25 23:12* | *1* |
| *1,4-Difluorobenzene (Surr)* | *113* | | *70 - 130* | *11/25/25 08:03* | *11/28/25 23:12* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 11/28/25 23:12 | 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 | | | 12/02/25 07:01 | 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 | 50.0 | | mg/Kg | | 11/25/25 07:46 | 12/02/25 07:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:46 | 12/02/25 07:01 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 1 (3')

**Lab Sample ID: 890-9135-3**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 07:46 | 12/02/25 07:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *140* | *S1+* | *70 - 130* | *11/25/25 07:46* | *12/02/25 07:01* | *1* |
| *o-Terphenyl (Surr)* | *122* | | *70 - 130* | *11/25/25 07:46* | *12/02/25 07:01* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1850** | | 50.2 | | mg/Kg | | | 11/26/25 18:10 | 5 |

## Client Sample ID: BH - 1 (4')

**Lab Sample ID: 890-9135-4**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:03 | 11/28/25 23:33 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 23:33 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 23:33 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 23:33 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 23:33 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 23:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *133* | *S1+* | *70 - 130* | *11/25/25 08:03* | *11/28/25 23:33* | *1* |
| *1,4-Difluorobenzene (Surr)* | *115* | | *70 - 130* | *11/25/25 08:03* | *11/28/25 23:33* | *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 | | | 11/28/25 23:33 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 12/01/25 18:12 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 18:12 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 18:12 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 18:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *82* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 18:12* | *1* |
| *o-Terphenyl (Surr)* | *86* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 18:12* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1200** | | 50.1 | | mg/Kg | | | 11/26/25 18:16 | 5 |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 1 (5')

**Lab Sample ID: 890-9135-5**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:03 | 11/28/25 23:53 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 23:53 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 23:53 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 23:53 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 23:53 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 23:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *126* | | *70 - 130* | *11/25/25 08:03* | *11/28/25 23:53* | *1* |
| *1,4-Difluorobenzene (Surr)* | *109* | | *70 - 130* | *11/25/25 08:03* | *11/28/25 23:53* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 11/28/25 23:53 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 12/01/25 18:57 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 18:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 18:57 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 18:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *77* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 18:57* | *1* |
| *o-Terphenyl (Surr)* | *81* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 18:57* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2740** | **F1** | 50.3 | | mg/Kg | | | 11/26/25 18:21 | 5 |

## Client Sample ID: BH - 1 (6')

**Lab Sample ID: 890-9135-6**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:03 | 11/29/25 00:13 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 00:13 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 00:13 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 00:13 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 00:13 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 00:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *127* | | *70 - 130* | *11/25/25 08:03* | *11/29/25 00:13* | *1* |
| *1,4-Difluorobenzene (Surr)* | *107* | | *70 - 130* | *11/25/25 08:03* | *11/29/25 00:13* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 1 (6')

**Lab Sample ID: 890-9135-6**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | | 11/29/25 00:13 | 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 | | | 12/01/25 19:12 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 19:12 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 19:12 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 19:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *78* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 19:12* | *1* |
| *o-Terphenyl (Surr)* | *82* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 19:12* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2850** | | 49.9 | | mg/Kg | | | 11/26/25 18:37 | 5 |

## Client Sample ID: BH - 1 (7')

**Lab Sample ID: 890-9135-7**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:03 | 11/29/25 00:34 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 00:34 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 00:34 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 00:34 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 00:34 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 00:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *120* | | *70 - 130* | *11/25/25 08:03* | *11/29/25 00:34* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *11/25/25 08:03* | *11/29/25 00:34* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 11/29/25 00:34 | 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 | | | 12/01/25 19:27 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 19:27 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 19:27 | 1 |

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# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 1 (7')

**Lab Sample ID: 890-9135-7**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 07:56 | 12/01/25 19:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *79* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 19:27* | *1* |
| *o-Terphenyl (Surr)* | *82* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 19:27* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2540** | | 50.4 | | mg/Kg | | | 11/26/25 18:42 | 5 |

## Client Sample ID: BH - 1 (8')

**Lab Sample ID: 890-9135-8**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:03 | 11/29/25 00:54 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 00:54 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 00:54 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 00:54 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 00:54 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 00:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *128* | | *70 - 130* | *11/25/25 08:03* | *11/29/25 00:54* | *1* |
| *1,4-Difluorobenzene (Surr)* | *107* | | *70 - 130* | *11/25/25 08:03* | *11/29/25 00:54* | *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 | | | 11/29/25 00:54 | 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 | | | 12/01/25 19:42 | 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 | | 11/25/25 07:56 | 12/01/25 19:42 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 19:42 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 19:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *77* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 19:42* | *1* |
| *o-Terphenyl (Surr)* | *80* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 19:42* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2340** | | 50.3 | | mg/Kg | | | 11/26/25 18:58 | 5 |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 1 (9')

**Lab Sample ID: 890-9135-9**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:03 | 11/29/25 01:15 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 01:15 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 01:15 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 01:15 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 01:15 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 01:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *133* | *S1+* | *70 - 130* | *11/25/25 08:03* | *11/29/25 01:15* | *1* |
| *1,4-Difluorobenzene (Surr)* | *106* | | *70 - 130* | *11/25/25 08:03* | *11/29/25 01:15* | *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 | | | 11/29/25 01:15 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 12/01/25 19:57 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 19:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 19:57 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 19:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *80* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 19:57* | *1* |
| *o-Terphenyl (Surr)* | *85* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 19:57* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2930** | | 50.5 | | mg/Kg | | | 11/26/25 19:03 | 5 |

## Client Sample ID: BH - 1 (10')

**Lab Sample ID: 890-9135-10**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:03 | 11/29/25 01:35 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 01:35 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 01:35 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 01:35 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 01:35 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 01:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *139* | *S1+* | *70 - 130* | *11/25/25 08:03* | *11/29/25 01:35* | *1* |
| *1,4-Difluorobenzene (Surr)* | *108* | | *70 - 130* | *11/25/25 08:03* | *11/29/25 01:35* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 1 (10')

**Lab Sample ID: 890-9135-10**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | | 11/29/25 01:35 | 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 | | | 12/01/25 20:12 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 20:12 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 20:12 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 20:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *79* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 20:12* | *1* |
| *o-Terphenyl (Surr)* | *82* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 20:12* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2310** | | 50.2 | | mg/Kg | | | 11/26/25 19:08 | 5 |

## Client Sample ID: BH - 1 (11')

**Lab Sample ID: 890-9135-11**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:03 | 11/29/25 03:25 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 03:25 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 03:25 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 03:25 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 03:25 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 03:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *70 - 130* | *11/25/25 08:03* | *11/29/25 03:25* | *1* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* | *11/25/25 08:03* | *11/29/25 03:25* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 11/29/25 03:25 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 12/01/25 20:28 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 20:28 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 20:28 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 1 (11')

**Lab Sample ID: 890-9135-11**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 07:56 | 12/01/25 20:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *75* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 20:28* | *1* |
| *o-Terphenyl (Surr)* | *80* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 20:28* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1260** | | 9.94 | | mg/Kg | | | 11/26/25 19:13 | 1 |

## Client Sample ID: BH - 1 (12')

**Lab Sample ID: 890-9135-12**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:03 | 11/29/25 03:46 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 03:46 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 03:46 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 03:46 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 03:46 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 03:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *128* | | *70 - 130* | *11/25/25 08:03* | *11/29/25 03:46* | *1* |
| *1,4-Difluorobenzene (Surr)* | *113* | | *70 - 130* | *11/25/25 08:03* | *11/29/25 03:46* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 11/29/25 03:46 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 12/01/25 20:42 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 20:42 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 20:42 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 20:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *77* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 20:42* | *1* |
| *o-Terphenyl (Surr)* | *81* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 20:42* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **510** | | 9.96 | | mg/Kg | | | 11/26/25 19:19 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 1 (13')

**Lab Sample ID: 890-9135-13**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:03 | 11/29/25 04:06 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 04:06 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 04:06 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 04:06 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 04:06 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 04:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *125* | | *70 - 130* | *11/25/25 08:03* | *11/29/25 04:06* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *11/25/25 08:03* | *11/29/25 04:06* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 11/29/25 04:06 | 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 | | | 12/01/25 20:57 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 20:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 20:57 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 20:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *76* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 20:57* | *1* |
| *o-Terphenyl (Surr)* | *81* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 20:57* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **336** | | 10.0 | | mg/Kg | | | 11/26/25 19:24 | 1 |

## Client Sample ID: BH - 1 (14')

**Lab Sample ID: 890-9135-14**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:03 | 11/29/25 04:27 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 04:27 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 04:27 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 04:27 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 04:27 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 04:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *123* | | *70 - 130* | *11/25/25 08:03* | *11/29/25 04:27* | *1* |
| *1,4-Difluorobenzene (Surr)* | *108* | | *70 - 130* | *11/25/25 08:03* | *11/29/25 04:27* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 1 (14')

**Lab Sample ID: 890-9135-14**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | | 11/29/25 04:27 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 12/01/25 21:28 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 21:28 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 21:28 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 21:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *79* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 21:28* | *1* |
| *o-Terphenyl (Surr)* | *82* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 21:28* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **675** | | 10.0 | | mg/Kg | | | 11/26/25 19:29 | 1 |

## Client Sample ID: BH - 1 (15')

**Lab Sample ID: 890-9135-15**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:03 | 11/29/25 04:47 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 04:47 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 04:47 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 04:47 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 04:47 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 04:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *133* | *S1+* | *70 - 130* | *11/25/25 08:03* | *11/29/25 04:47* | *1* |
| *1,4-Difluorobenzene (Surr)* | *106* | | *70 - 130* | *11/25/25 08:03* | *11/29/25 04:47* | *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 | | | 11/29/25 04:47 | 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 | | | 12/01/25 21:43 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 21:43 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 21:43 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 1 (15')

**Lab Sample ID: 890-9135-15**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 07:56 | 12/01/25 21:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *79* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 21:43* | *1* |
| *o-Terphenyl (Surr)* | *85* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 21:43* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **61.6** | | 10.1 | | mg/Kg | | | 11/26/25 17:33 | 1 |

## Client Sample ID: BH - 2 (0-1')

**Lab Sample ID: 890-9135-16**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:03 | 11/29/25 05:08 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 05:08 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 05:08 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 05:08 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 05:08 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 05:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *128* | | *70 - 130* | *11/25/25 08:03* | *11/29/25 05:08* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *11/25/25 08:03* | *11/29/25 05:08* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 11/29/25 05:08 | 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 | | | 12/01/25 21:58 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 21:58 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 21:58 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 21:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *78* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 21:58* | *1* |
| *o-Terphenyl (Surr)* | *82* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 21:58* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3360** | | 50.3 | | mg/Kg | | | 11/26/25 17:51 | 5 |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 2 (2')

**Lab Sample ID: 890-9135-17**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:03 | 11/29/25 05:28 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 05:28 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 05:28 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 05:28 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 05:28 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 05:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *144* | *S1+* | *70 - 130* | *11/25/25 08:03* | *11/29/25 05:28* | *1* |
| *1,4-Difluorobenzene (Surr)* | *114* | | *70 - 130* | *11/25/25 08:03* | *11/29/25 05:28* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 11/29/25 05:28 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 12/01/25 22:14 | 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 | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 22:14 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 22:14 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 22:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *76* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 22:14* | *1* |
| *o-Terphenyl (Surr)* | *81* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 22:14* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **6260** | | 99.6 | | mg/Kg | | | 11/26/25 17:57 | 10 |

## Client Sample ID: BH - 2 (3')

**Lab Sample ID: 890-9135-18**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:03 | 11/29/25 05:49 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 05:49 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 05:49 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 05:49 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 05:49 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 05:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *145* | *S1+* | *70 - 130* | *11/25/25 08:03* | *11/29/25 05:49* | *1* |
| *1,4-Difluorobenzene (Surr)* | *106* | | *70 - 130* | *11/25/25 08:03* | *11/29/25 05:49* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 2 (3')

**Lab Sample ID: 890-9135-18**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | | 11/29/25 05:49 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 12/01/25 22:29 | 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 | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 22:29 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 22:29 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 22:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *76* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 22:29* | *1* |
| *o-Terphenyl (Surr)* | *81* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 22:29* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **5760** | | 99.8 | | mg/Kg | | | 11/26/25 18:03 | 10 |

## Client Sample ID: BH - 2 (4')

**Lab Sample ID: 890-9135-19**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:03 | 11/29/25 06:09 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 06:09 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 06:09 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 06:09 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 06:09 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 06:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *137* | *S1+* | *70 - 130* | *11/25/25 08:03* | *11/29/25 06:09* | *1* |
| *1,4-Difluorobenzene (Surr)* | *114* | | *70 - 130* | *11/25/25 08:03* | *11/29/25 06:09* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 11/29/25 06:09 | 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 | | | 12/01/25 22:44 | 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 | | 11/25/25 07:56 | 12/01/25 22:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 22:44 | 1 |

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# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 2 (4')

**Lab Sample ID: 890-9135-19**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 07:56 | 12/01/25 22:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *76* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 22:44* | *1* |
| *o-Terphenyl (Surr)* | *81* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 22:44* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **4010** | | 49.9 | | mg/Kg | | | 11/26/25 18:09 | 5 |

## Client Sample ID: BH - 2 (5')

**Lab Sample ID: 890-9135-20**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:03 | 11/29/25 06:30 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 06:30 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 06:30 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 06:30 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 06:30 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 11/25/25 08:03 | 11/29/25 06:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *143* | *S1+* | *70 - 130* | *11/25/25 08:03* | *11/29/25 06:30* | *1* |
| *1,4-Difluorobenzene (Surr)* | *112* | | *70 - 130* | *11/25/25 08:03* | *11/29/25 06:30* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 11/29/25 06:30 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 12/01/25 22:59 | 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 | | 11/25/25 07:56 | 12/01/25 22:59 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 22:59 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 22:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *75* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 22:59* | *1* |
| *o-Terphenyl (Surr)* | *81* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 22:59* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3510** | | 50.2 | | mg/Kg | | | 11/26/25 18:26 | 5 |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 2 (6')

**Lab Sample ID: 890-9135-21**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:10 | 11/29/25 10:08 | 1 |
| Toluene | <0.00198 | U F1 | 0.00198 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 10:08 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 10:08 | 1 |
| m,p-Xylenes | <0.00397 | U | 0.00397 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 10:08 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 10:08 | 1 |
| Xylenes, Total | <0.00397 | U | 0.00397 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 10:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 10:08* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 10:08* | *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 | | | 11/29/25 10:08 | 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 | | | 12/01/25 23:14 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 23:14 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 23:14 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 23:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *72* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 23:14* | *1* |
| *o-Terphenyl (Surr)* | *77* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 23:14* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2370** | | 50.4 | | mg/Kg | | | 11/26/25 18:32 | 5 |

## Client Sample ID: BH - 2 (7')

**Lab Sample ID: 890-9135-22**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:10 | 11/29/25 10:28 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 10:28 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 10:28 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 10:28 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 10:28 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 10:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *127* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 10:28* | *1* |
| *1,4-Difluorobenzene (Surr)* | *114* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 10:28* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 2 (7')

**Lab Sample ID: 890-9135-22**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | | 11/29/25 10:28 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 12/01/25 23:29 | 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 | <49.8 | U | 49.8 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 23:29 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 23:29 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 23:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *74* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 23:29* | *1* |
| *o-Terphenyl (Surr)* | *78* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 23:29* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1640** | | 49.8 | | mg/Kg | | | 11/26/25 18:38 | 5 |

## Client Sample ID: BH - 2 (8')

**Lab Sample ID: 890-9135-23**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:10 | 11/29/25 10:49 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 10:49 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 10:49 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 10:49 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 10:49 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 10:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *117* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 10:49* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 10:49* | *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 | | | 11/29/25 10:49 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 12/01/25 23:44 | 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 | | 11/25/25 07:56 | 12/01/25 23:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 23:44 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 2 (8')

**Lab Sample ID: 890-9135-23**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 07:56 | 12/01/25 23:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *75* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 23:44* | *1* |
| *o-Terphenyl (Surr)* | *79* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 23:44* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1510** | | 49.9 | | mg/Kg | | | 11/26/25 18:44 | 5 |

## Client Sample ID: BH - 2 (9')

**Lab Sample ID: 890-9135-24**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:10 | 11/29/25 11:09 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 11:09 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 11:09 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 11:09 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 11:09 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 11:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *124* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 11:09* | *1* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 11:09* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 11/29/25 11:09 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 12/01/25 18:12 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 18:12 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 18:12 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 18:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *113* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 18:12* | *1* |
| *o-Terphenyl (Surr)* | *133* | *S1+* | *70 - 130* | *11/25/25 07:59* | *12/01/25 18:12* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1660** | | 49.7 | | mg/Kg | | | 11/26/25 18:50 | 5 |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 2 (10')

**Lab Sample ID: 890-9135-25**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:10 | 11/29/25 11:30 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 11:30 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 11:30 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 11:30 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 11:30 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 11:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *131* | *S1+* | *70 - 130* | *11/25/25 08:10* | *11/29/25 11:30* | *1* |
| *1,4-Difluorobenzene (Surr)* | *114* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 11:30* | *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 | | | 11/29/25 11:30 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 12/01/25 18:57 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 18:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 18:57 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 18:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *109* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 18:57* | *1* |
| *o-Terphenyl (Surr)* | *108* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 18:57* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1700** | **F1** | 50.1 | | mg/Kg | | | 11/26/25 18:56 | 5 |

## Client Sample ID: BH - 2 (11')

**Lab Sample ID: 890-9135-26**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:10 | 11/29/25 11:50 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 11:50 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 11:50 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 11:50 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 11:50 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 11:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *132* | *S1+* | *70 - 130* | *11/25/25 08:10* | *11/29/25 11:50* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 11:50* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 2 (11')

**Lab Sample ID: 890-9135-26**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | | 11/29/25 11:50 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 12/01/25 19:12 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 19:12 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 19:12 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 19:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *129* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 19:12* | *1* |
| *o-Terphenyl (Surr)* | *156* | *S1+* | *70 - 130* | *11/25/25 07:59* | *12/01/25 19:12* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1110** | | 10.1 | | mg/Kg | | | 11/26/25 19:14 | 1 |

## Client Sample ID: BH - 2 (12')

**Lab Sample ID: 890-9135-27**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:10 | 11/29/25 12:10 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 12:10 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 12:10 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 12:10 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 12:10 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 12:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *118* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 12:10* | *1* |
| *1,4-Difluorobenzene (Surr)* | *107* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 12:10* | *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 | | | 11/29/25 12:10 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 12/01/25 19:27 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 19:27 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 19:27 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 2 (12')

**Lab Sample ID: 890-9135-27**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 07:59 | 12/01/25 19:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *127* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 19:27* | *1* |
| *o-Terphenyl (Surr)* | *162* | *S1+* | *70 - 130* | *11/25/25 07:59* | *12/01/25 19:27* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **941** | | 9.98 | | mg/Kg | | | 11/26/25 19:19 | 1 |

## Client Sample ID: BH - 2 (13')

**Lab Sample ID: 890-9135-28**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:10 | 11/29/25 12:31 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 12:31 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 12:31 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 12:31 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 12:31 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 12:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *131* | *S1+* | *70 - 130* | *11/25/25 08:10* | *11/29/25 12:31* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 12:31* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 11/29/25 12:31 | 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 | | | 12/01/25 19:42 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 19:42 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 19:42 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 19:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *108* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 19:42* | *1* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 19:42* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **575** | | 9.96 | | mg/Kg | | | 11/26/25 19:37 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 2 (14')

**Lab Sample ID: 890-9135-29**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:10 | 11/29/25 12:51 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 12:51 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 12:51 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 12:51 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 12:51 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 12:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *136* | *S1+* | *70 - 130* | *11/25/25 08:10* | *11/29/25 12:51* | *1* |
| *1,4-Difluorobenzene (Surr)* | *112* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 12:51* | *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 | | | 11/29/25 12:51 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 12/01/25 19:57 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 19:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 19:57 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 19:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *107* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 19:57* | *1* |
| *o-Terphenyl (Surr)* | *105* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 19:57* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **266** | | 10.0 | | mg/Kg | | | 11/26/25 19:43 | 1 |

## Client Sample ID: BH - 2 (15')

**Lab Sample ID: 890-9135-30**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:10 | 11/29/25 13:12 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 13:12 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 13:12 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 13:12 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 13:12 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 13:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *140* | *S1+* | *70 - 130* | *11/25/25 08:10* | *11/29/25 13:12* | *1* |
| *1,4-Difluorobenzene (Surr)* | *107* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 13:12* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 2 (15')

**Lab Sample ID: 890-9135-30**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | | 11/29/25 13:12 | 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 | | | 12/01/25 20:12 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 20:12 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 20:12 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 20:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *111* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 20:12* | *1* |
| *o-Terphenyl (Surr)* | *125* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 20:12* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **380** | | 9.94 | | mg/Kg | | | 11/26/25 19:49 | 1 |

## Client Sample ID: BH - 2 (20')

**Lab Sample ID: 890-9135-31**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:10 | 11/29/25 15:02 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 15:02 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 15:02 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 15:02 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 15:02 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 15:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 15:02* | *1* |
| *1,4-Difluorobenzene (Surr)* | *114* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 15:02* | *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 | | | 11/29/25 15:02 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 12/01/25 20:28 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 20:28 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 20:28 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 2 (20')

**Lab Sample ID: 890-9135-31**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 07:59 | 12/01/25 20:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *115* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 20:28* | *1* |
| *o-Terphenyl (Surr)* | *137* | *S1+* | *70 - 130* | *11/25/25 07:59* | *12/01/25 20:28* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **281** | | 10.0 | | mg/Kg | | | 11/26/25 19:55 | 1 |

## Client Sample ID: BH - 5 (0')

**Lab Sample ID: 890-9135-32**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:10 | 11/29/25 15:22 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 15:22 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 15:22 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 15:22 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 15:22 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 15:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *129* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 15:22* | *1* |
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 15:22* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 11/29/25 15:22 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 12/01/25 20:42 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 20:42 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 20:42 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 20:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *125* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 20:42* | *1* |
| *o-Terphenyl (Surr)* | *170* | *S1+* | *70 - 130* | *11/25/25 07:59* | *12/01/25 20:42* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **296** | | 10.1 | | mg/Kg | | | 11/26/25 20:01 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 5 (2')

**Lab Sample ID: 890-9135-33**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:10 | 11/29/25 15:43 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 15:43 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 15:43 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 15:43 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 15:43 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 15:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *124* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 15:43* | *1* |
| *1,4-Difluorobenzene (Surr)* | *108* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 15:43* | *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 | | | 11/29/25 15:43 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 12/01/25 20:57 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 20:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 20:57 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 20:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *109* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 20:57* | *1* |
| *o-Terphenyl (Surr)* | *119* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 20:57* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **231** | | 10.1 | | mg/Kg | | | 11/26/25 20:07 | 1 |

## Client Sample ID: BH - 5 (3')

**Lab Sample ID: 890-9135-34**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:10 | 11/29/25 16:03 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 16:03 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 16:03 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 16:03 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 16:03 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 16:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *133* | *S1+* | *70 - 130* | *11/25/25 08:10* | *11/29/25 16:03* | *1* |
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 16:03* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 5 (3')

**Lab Sample ID: 890-9135-34**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | | 11/29/25 16:03 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 12/01/25 21:28 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 21:28 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 21:28 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 21:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *113* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 21:28* | *1* |
| *o-Terphenyl (Surr)* | *115* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 21:28* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **227** | | 9.90 | | mg/Kg | | | 11/26/25 20:12 | 1 |

## Client Sample ID: BH - 5 (4')

**Lab Sample ID: 890-9135-35**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:10 | 11/29/25 16:24 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 16:24 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 16:24 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 16:24 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 16:24 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 16:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *122* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 16:24* | *1* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 16:24* | *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 | | | 11/29/25 16:24 | 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 | | | 12/01/25 21:43 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 21:43 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 21:43 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 5 (4')

**Lab Sample ID: 890-9135-35**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 07:59 | 12/01/25 21:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *113* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 21:43* | *1* |
| *o-Terphenyl (Surr)* | *131* | *S1+* | *70 - 130* | *11/25/25 07:59* | *12/01/25 21:43* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **145** | | 9.98 | | mg/Kg | | | 11/26/25 18:13 | 1 |

## Client Sample ID: BH - 5 (5')

**Lab Sample ID: 890-9135-36**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:10 | 11/29/25 16:44 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 16:44 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 16:44 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 16:44 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 16:44 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 16:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *131* | *S1+* | *70 - 130* | *11/25/25 08:10* | *11/29/25 16:44* | *1* |
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 16:44* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 11/29/25 16:44 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 12/01/25 21:58 | 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 | <49.6 | U | 49.6 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 21:58 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 21:58 | 1 |
| Oil Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 21:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *109* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 21:58* | *1* |
| *o-Terphenyl (Surr)* | *112* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 21:58* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **167** | | 9.92 | | mg/Kg | | | 11/26/25 18:29 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 5 (6')

**Lab Sample ID: 890-9135-37**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:10 | 11/29/25 17:05 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 17:05 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 17:05 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 17:05 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 17:05 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 17:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *129* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 17:05* | *1* |
| *1,4-Difluorobenzene (Surr)* | *108* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 17:05* | *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 | | | 11/29/25 17:05 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 12/01/25 22:14 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 22:14 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 22:14 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 22:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *113* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 22:14* | *1* |
| *o-Terphenyl (Surr)* | *133* | *S1+* | *70 - 130* | *11/25/25 07:59* | *12/01/25 22:14* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **186** | | 9.94 | | mg/Kg | | | 11/26/25 18:34 | 1 |

## Client Sample ID: BH - 5 (7')

**Lab Sample ID: 890-9135-38**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:10 | 11/29/25 17:25 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 17:25 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 17:25 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 17:25 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 17:25 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 17:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *131* | *S1+* | *70 - 130* | *11/25/25 08:10* | *11/29/25 17:25* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 17:25* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 5 (7')

**Lab Sample ID: 890-9135-38**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | | 11/29/25 17:25 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 12/01/25 22:29 | 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 | <49.8 | U | 49.8 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 22:29 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 22:29 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 22:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *109* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 22:29* | *1* |
| *o-Terphenyl (Surr)* | *116* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 22:29* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **166** | | 10.0 | | mg/Kg | | | 11/26/25 18:39 | 1 |

## Client Sample ID: BH - 5 (8')

**Lab Sample ID: 890-9135-39**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:10 | 11/29/25 17:45 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 17:45 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 17:45 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 17:45 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 17:45 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 17:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *128* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 17:45* | *1* |
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 17:45* | *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 | | | 11/29/25 17:45 | 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 | | | 12/01/25 22:44 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 22:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 22:44 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 5 (8')

**Lab Sample ID: 890-9135-39**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 07:59 | 12/01/25 22:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *113* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 22:44* | *1* |
| *o-Terphenyl (Surr)* | *115* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 22:44* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **193** | | 10.0 | | mg/Kg | | | 11/26/25 18:44 | 1 |

## Client Sample ID: BH - 5 (9')

**Lab Sample ID: 890-9135-40**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 08:10 | 11/29/25 18:06 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 18:06 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 18:06 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 18:06 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 18:06 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 18:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *131* | *S1+* | *70 - 130* | *11/25/25 08:10* | *11/29/25 18:06* | *1* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 18:06* | *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 | | | 11/29/25 18:06 | 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 | | | 12/01/25 22:59 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 22:59 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 22:59 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 22:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *113* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 22:59* | *1* |
| *o-Terphenyl (Surr)* | *124* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 22:59* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **353** | | 9.96 | | mg/Kg | | | 11/26/25 19:00 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 5 (10')

**Lab Sample ID: 890-9135-41**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/26/25 13:44 | 12/02/25 13:15 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 13:15 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 13:15 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 13:15 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 13:15 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 13:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *11/26/25 13:44* | *12/02/25 13:15* | *1* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* | *11/26/25 13:44* | *12/02/25 13:15* | *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 | | | 12/02/25 13:15 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 12/01/25 23:14 | 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 | <49.8 | U | 49.8 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 23:14 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 23:14 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 23:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *107* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 23:14* | *1* |
| *o-Terphenyl (Surr)* | *116* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 23:14* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **867** | | 9.98 | | mg/Kg | | | 11/26/25 19:05 | 1 |

## Client Sample ID: BH - 5 (11')

**Lab Sample ID: 890-9135-42**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/26/25 13:44 | 12/02/25 13:35 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 13:35 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 13:35 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 13:35 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 13:35 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 13:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *11/26/25 13:44* | *12/02/25 13:35* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *11/26/25 13:44* | *12/02/25 13:35* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 5 (11')

**Lab Sample ID: 890-9135-42**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | | 12/02/25 13:35 | 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 | | | 12/01/25 23:29 | 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 | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 23:29 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 23:29 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 23:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *109* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 23:29* | *1* |
| *o-Terphenyl (Surr)* | *111* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 23:29* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1120** | | 9.98 | | mg/Kg | | | 11/26/25 19:11 | 1 |

## Client Sample ID: BH - 5 (12')

**Lab Sample ID: 890-9135-43**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/26/25 13:44 | 12/02/25 13:56 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 13:56 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 13:56 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 13:56 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 13:56 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 13:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* | *11/26/25 13:44* | *12/02/25 13:56* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *11/26/25 13:44* | *12/02/25 13:56* | *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 | | | 12/02/25 13:56 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 12/01/25 23:44 | 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 | <50.1 | U | 50.1 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 23:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 23:44 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 5 (12')

**Lab Sample ID: 890-9135-43**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/25/25 07:59 | 12/01/25 23:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *114* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 23:44* | *1* |
| *o-Terphenyl (Surr)* | *125* | | *70 - 130* | *11/25/25 07:59* | *12/01/25 23:44* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1170** | | 50.3 | | mg/Kg | | | 11/26/25 19:16 | 5 |

## Client Sample ID: BH - 5 (13')

**Lab Sample ID: 890-9135-44**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/26/25 13:44 | 12/02/25 14:16 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 14:16 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 14:16 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 14:16 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 14:16 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 14:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* | *11/26/25 13:44* | *12/02/25 14:16* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *11/26/25 13:44* | *12/02/25 14:16* | *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 | | | 12/02/25 14:16 | 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 | | | 12/02/25 10:31 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 08:04 | 12/02/25 10:31 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 08:04 | 12/02/25 10:31 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 08:04 | 12/02/25 10:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *110* | | *70 - 130* | *11/25/25 08:04* | *12/02/25 10:31* | *1* |
| *o-Terphenyl (Surr)* | *118* | | *70 - 130* | *11/25/25 08:04* | *12/02/25 10:31* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **793** | | 10.0 | | mg/Kg | | | 11/26/25 19:21 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 5 (14')

**Lab Sample ID: 890-9135-45**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/26/25 13:44 | 12/02/25 14:37 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 14:37 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 14:37 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 14:37 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 14:37 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 14:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *11/26/25 13:44* | *12/02/25 14:37* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *11/26/25 13:44* | *12/02/25 14:37* | *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 | | | 12/02/25 14:37 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 12/02/25 11:13 | 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 | | 11/25/25 08:04 | 12/02/25 11:13 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 08:04 | 12/02/25 11:13 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 08:04 | 12/02/25 11:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *118* | | *70 - 130* | *11/25/25 08:04* | *12/02/25 11:13* | *1* |
| *o-Terphenyl (Surr)* | *125* | | *70 - 130* | *11/25/25 08:04* | *12/02/25 11:13* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **679** | | 10.1 | | mg/Kg | | | 11/26/25 19:26 | 1 |

## Client Sample ID: BH - 5 (15')

**Lab Sample ID: 890-9135-46**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | 11/26/25 13:44 | 12/02/25 14:57 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 14:57 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 14:57 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 14:57 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 14:57 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 14:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *70 - 130* | *11/26/25 13:44* | *12/02/25 14:57* | *1* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* | *11/26/25 13:44* | *12/02/25 14:57* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 5 (15')

**Lab Sample ID: 890-9135-46**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

### 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 | | | 12/02/25 14:57 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 12/02/25 11:28 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 11/25/25 08:04 | 12/02/25 11:28 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 11/25/25 08:04 | 12/02/25 11:28 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 11/25/25 08:04 | 12/02/25 11:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *122* | | *70 - 130* | *11/25/25 08:04* | *12/02/25 11:28* | *1* |
| *o-Terphenyl (Surr)* | *129* | | *70 - 130* | *11/25/25 08:04* | *12/02/25 11:28* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **478** | | 9.94 | | mg/Kg | | | 11/26/25 19:42 | 1 |

## Client Sample ID: BH - 5 (20')

**Lab Sample ID: 890-9135-47**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Benzene** | **0.00238** | | 0.00199 | | mg/Kg | | 12/03/25 08:27 | 12/03/25 16:50 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 12/03/25 08:27 | 12/03/25 16:50 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 12/03/25 08:27 | 12/03/25 16:50 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 12/03/25 08:27 | 12/03/25 16:50 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 12/03/25 08:27 | 12/03/25 16:50 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 12/03/25 08:27 | 12/03/25 16:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *70 - 130* | *12/03/25 08:27* | *12/03/25 16:50* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *12/03/25 08:27* | *12/03/25 16:50* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 12/03/25 16:50 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 12/02/25 11:41 | 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 | | 11/25/25 08:04 | 12/02/25 11:41 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 08:04 | 12/02/25 11:41 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

**Client Sample ID: BH - 5 (20')**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

**Lab Sample ID: 890-9135-47**
**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) | <49.9 | U | 49.9 | | mg/Kg | | 11/25/25 08:04 | 12/02/25 11:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *121* | | *70 - 130* | *11/25/25 08:04* | *12/02/25 11:41* | *1* |
| *o-Terphenyl (Surr)* | *127* | | *70 - 130* | *11/25/25 08:04* | *12/02/25 11:41* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **43.6** | | 9.92 | | mg/Kg | | | 11/26/25 19:47 | 1 |

# Surrogate Summary

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## 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) |
| 880-64724-A-22-A MB | Method Blank | 108 | 93 |
| 880-65588-A-1-D MS | Matrix Spike | 115 | 100 |
| 880-65588-A-1-E MSD | Matrix Spike Duplicate | 103 | 109 |
| 890-9135-1 | BH - 1 (0-1') | 102 | 104 |
| 890-9135-1 MS | BH - 1 (0-1') | 115 | 104 |
| 890-9135-1 MSD | BH - 1 (0-1') | 117 | 96 |
| 890-9135-2 | BH - 1 (2') | 129 | 111 |
| 890-9135-3 | BH - 1 (3') | 133 S1+ | 113 |
| 890-9135-4 | BH - 1 (4') | 133 S1+ | 115 |
| 890-9135-5 | BH - 1 (5') | 126 | 109 |
| 890-9135-6 | BH - 1 (6') | 127 | 107 |
| 890-9135-7 | BH - 1 (7') | 120 | 103 |
| 890-9135-8 | BH - 1 (8') | 128 | 107 |
| 890-9135-9 | BH - 1 (9') | 133 S1+ | 106 |
| 890-9135-10 | BH - 1 (10') | 139 S1+ | 108 |
| 890-9135-11 | BH - 1 (11') | 99 | 102 |
| 890-9135-12 | BH - 1 (12') | 128 | 113 |
| 890-9135-13 | BH - 1 (13') | 125 | 110 |
| 890-9135-14 | BH - 1 (14') | 123 | 108 |
| 890-9135-15 | BH - 1 (15') | 133 S1+ | 106 |
| 890-9135-16 | BH - 2 (0-1') | 128 | 110 |
| 890-9135-17 | BH - 2 (2') | 144 S1+ | 114 |
| 890-9135-18 | BH - 2 (3') | 145 S1+ | 106 |
| 890-9135-19 | BH - 2 (4') | 137 S1+ | 114 |
| 890-9135-20 | BH - 2 (5') | 143 S1+ | 112 |
| 890-9135-21 | BH - 2 (6') | 96 | 99 |
| 890-9135-21 MS | BH - 2 (6') | 106 | 98 |
| 890-9135-21 MSD | BH - 2 (6') | 121 | 106 |
| 890-9135-22 | BH - 2 (7') | 127 | 114 |
| 890-9135-23 | BH - 2 (8') | 117 | 110 |
| 890-9135-24 | BH - 2 (9') | 124 | 104 |
| 890-9135-25 | BH - 2 (10') | 131 S1+ | 114 |
| 890-9135-26 | BH - 2 (11') | 132 S1+ | 110 |
| 890-9135-27 | BH - 2 (12') | 118 | 107 |
| 890-9135-28 | BH - 2 (13') | 131 S1+ | 110 |
| 890-9135-29 | BH - 2 (14') | 136 S1+ | 112 |
| 890-9135-30 | BH - 2 (15') | 140 S1+ | 107 |
| 890-9135-31 | BH - 2 (20') | 107 | 114 |
| 890-9135-32 | BH - 5 (0') | 129 | 111 |
| 890-9135-33 | BH - 5 (2') | 124 | 108 |
| 890-9135-34 | BH - 5 (3') | 133 S1+ | 111 |
| 890-9135-35 | BH - 5 (4') | 122 | 104 |
| 890-9135-36 | BH - 5 (5') | 131 S1+ | 111 |
| 890-9135-37 | BH - 5 (6') | 129 | 108 |
| 890-9135-38 | BH - 5 (7') | 131 S1+ | 110 |
| 890-9135-39 | BH - 5 (8') | 128 | 111 |
| 890-9135-40 | BH - 5 (9') | 131 S1+ | 104 |
| 890-9135-41 | BH - 5 (10') | 97 | 102 |
| 890-9135-42 | BH - 5 (11') | 96 | 101 |

# Surrogate Summary

Client: Carmona Resources Job ID: 890-9135-1
Project/Site: RISER 121 (06.29.2025) SDG: 2783

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| Lab Sample ID | Client Sample ID | BFB1 (70-130) | DFBZ1 (70-130) |
| 890-9135-43 | BH - 5 (12') | 98 | 103 |
| 890-9135-44 | BH - 5 (13') | 100 | 101 |
| 890-9135-45 | BH - 5 (14') | 96 | 101 |
| 890-9135-46 | BH - 5 (15') | 99 | 102 |
| 890-9135-47 | BH - 5 (20') | 99 | 97 |
| 890-9141-A-1-C MS | Matrix Spike | 95 | 101 |
| 890-9141-A-1-D MSD | Matrix Spike Duplicate | 78 | 109 |
| LCS 880-124992/1-A | Lab Control Sample | 98 | 97 |
| LCS 880-124995/1-A | Lab Control Sample | 102 | 99 |
| LCS 880-125169/1-A | Lab Control Sample | 92 | 101 |
| LCS 880-125507/1-A | Lab Control Sample | 104 | 103 |
| LCSD 880-124992/2-A | Lab Control Sample Dup | 103 | 98 |
| LCSD 880-124995/2-A | Lab Control Sample Dup | 102 | 93 |
| LCSD 880-125169/2-A | Lab Control Sample Dup | 94 | 99 |
| LCSD 880-125507/2-A | Lab Control Sample Dup | 100 | 97 |
| MB 880-124992/5-A | Method Blank | 191 S1+ | 104 |
| MB 880-124995/5-A | Method Blank | 212 S1+ | 117 |
| MB 880-125169/5-A | Method Blank | 86 | 96 |
| MB 880-125507/5-A | Method Blank | 113 | 92 |

**Surrogate Legend**

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

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| Lab Sample ID | Client Sample ID | 1CO1 (70-130) | OTPH1 (70-130) |
| 880-65392-A-14-B MS | Matrix Spike | 150 S1+ | 119 |
| 880-65392-A-14-C MSD | Matrix Spike Duplicate | 149 S1+ | 118 |
| 890-9135-1 | BH - 1 (0-1') | 140 S1+ | 122 |
| 890-9135-2 | BH - 1 (2') | 137 S1+ | 119 |
| 890-9135-3 | BH - 1 (3') | 140 S1+ | 122 |
| 890-9135-4 | BH - 1 (4') | 82 | 86 |
| 890-9135-4 MS | BH - 1 (4') | 86 | 83 |
| 890-9135-4 MSD | BH - 1 (4') | 86 | 82 |
| 890-9135-5 | BH - 1 (5') | 77 | 81 |
| 890-9135-6 | BH - 1 (6') | 78 | 82 |
| 890-9135-7 | BH - 1 (7') | 79 | 82 |
| 890-9135-8 | BH - 1 (8') | 77 | 80 |
| 890-9135-9 | BH - 1 (9') | 80 | 85 |
| 890-9135-10 | BH - 1 (10') | 79 | 82 |
| 890-9135-11 | BH - 1 (11') | 75 | 80 |
| 890-9135-12 | BH - 1 (12') | 77 | 81 |
| 890-9135-13 | BH - 1 (13') | 76 | 81 |
| 890-9135-14 | BH - 1 (14') | 79 | 82 |
| 890-9135-15 | BH - 1 (15') | 79 | 85 |
| 890-9135-16 | BH - 2 (0-1') | 78 | 82 |
| 890-9135-17 | BH - 2 (2') | 76 | 81 |

# Surrogate Summary

Client: Carmona Resources
Job ID: 890-9135-1
Project/Site: RISER 121 (06.29.2025)
SDG: 2783

## 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) |
|---|---|---|---|
| 890-9135-18 | BH - 2 (3') | 76 | 81 |
| 890-9135-19 | BH - 2 (4') | 76 | 81 |
| 890-9135-20 | BH - 2 (5') | 75 | 81 |
| 890-9135-21 | BH - 2 (6') | 72 | 77 |
| 890-9135-22 | BH - 2 (7') | 74 | 78 |
| 890-9135-23 | BH - 2 (8') | 75 | 79 |
| 890-9135-24 | BH - 2 (9') | 113 | 133 S1+ |
| 890-9135-24 MS | BH - 2 (9') | 115 | 153 S1+ |
| 890-9135-24 MSD | BH - 2 (9') | 115 | 150 S1+ |
| 890-9135-25 | BH - 2 (10') | 109 | 108 |
| 890-9135-26 | BH - 2 (11') | 129 | 156 S1+ |
| 890-9135-27 | BH - 2 (12') | 127 | 162 S1+ |
| 890-9135-28 | BH - 2 (13') | 108 | 107 |
| 890-9135-29 | BH - 2 (14') | 107 | 105 |
| 890-9135-30 | BH - 2 (15') | 111 | 125 |
| 890-9135-31 | BH - 2 (20') | 115 | 137 S1+ |
| 890-9135-32 | BH - 5 (0') | 125 | 170 S1+ |
| 890-9135-33 | BH - 5 (2') | 109 | 119 |
| 890-9135-34 | BH - 5 (3') | 113 | 115 |
| 890-9135-35 | BH - 5 (4') | 113 | 131 S1+ |
| 890-9135-36 | BH - 5 (5') | 109 | 112 |
| 890-9135-37 | BH - 5 (6') | 113 | 133 S1+ |
| 890-9135-38 | BH - 5 (7') | 109 | 116 |
| 890-9135-39 | BH - 5 (8') | 113 | 115 |
| 890-9135-40 | BH - 5 (9') | 113 | 124 |
| 890-9135-41 | BH - 5 (10') | 107 | 116 |
| 890-9135-42 | BH - 5 (11') | 109 | 111 |
| 890-9135-43 | BH - 5 (12') | 114 | 125 |
| 890-9135-44 | BH - 5 (13') | 110 | 118 |
| 890-9135-44 MS | BH - 5 (13') | 120 | 119 |
| 890-9135-44 MSD | BH - 5 (13') | 128 | 127 |
| 890-9135-45 | BH - 5 (14') | 118 | 125 |
| 890-9135-46 | BH - 5 (15') | 122 | 129 |
| 890-9135-47 | BH - 5 (20') | 121 | 127 |
| LCS 880-124987/2-A | Lab Control Sample | 168 S1+ | 133 S1+ |
| LCS 880-124990/2-A | Lab Control Sample | 87 | 82 |
| LCS 880-124991/2-A | Lab Control Sample | 103 | 124 |
| LCS 880-124993/2-A | Lab Control Sample | 114 | 112 |
| LCSD 880-124987/3-A | Lab Control Sample Dup | 174 S1+ | 138 S1+ |
| LCSD 880-124990/3-A | Lab Control Sample Dup | 73 | 87 |
| LCSD 880-124991/3-A | Lab Control Sample Dup | 99 | 118 |
| LCSD 880-124993/3-A | Lab Control Sample Dup | 126 | 132 S1+ |
| MB 880-124987/1-A | Method Blank | 151 S1+ | 133 S1+ |
| MB 880-124990/1-A | Method Blank | 73 | 80 |
| MB 880-124991/1-A | Method Blank | 104 | 123 |
| MB 880-124993/1-A | Method Blank | 114 | 121 |

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

# QC Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

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

**Lab Sample ID: MB 880-124992/5-A**
**Matrix: Solid**
**Analysis Batch: 125203**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 124992**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 22:03 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 22:03 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 22:03 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 22:03 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 22:03 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 11/25/25 08:03 | 11/28/25 22:03 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *191* | *S1+* | *70 - 130* | *11/25/25 08:03* | *11/28/25 22:03* | *1* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* | *11/25/25 08:03* | *11/28/25 22:03* | *1* |

**Lab Sample ID: LCS 880-124992/1-A**
**Matrix: Solid**
**Analysis Batch: 125203**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 124992**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1092 | | mg/Kg | | 109 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.09958 | | mg/Kg | | 100 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1125 | | mg/Kg | | 112 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2148 | | mg/Kg | | 107 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1063 | | mg/Kg | | 106 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* |

**Lab Sample ID: LCSD 880-124992/2-A**
**Matrix: Solid**
**Analysis Batch: 125203**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 124992**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1108 | | mg/Kg | | 111 | 70 - 130 | 1 | 35 |
| Toluene | | | 0.100 | 0.1032 | | mg/Kg | | 103 | 70 - 130 | 4 | 35 |
| Ethylbenzene | | | 0.100 | 0.1189 | | mg/Kg | | 119 | 70 - 130 | 6 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2308 | | mg/Kg | | 115 | 70 - 130 | 7 | 35 |
| o-Xylene | | | 0.100 | 0.1127 | | mg/Kg | | 113 | 70 - 130 | 6 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* |

**Lab Sample ID: 890-9135-1 MS**
**Matrix: Solid**
**Analysis Batch: 125203**

**Client Sample ID: BH - 1 (0-1')**
**Prep Type: Total/NA**
**Prep Batch: 124992**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.100 | 0.07004 | | mg/Kg | | 70 | 70 - 130 | | |
| Toluene | <0.00201 | U F1 | 0.100 | 0.05700 | F1 | mg/Kg | | 57 | 70 - 130 | | |

# QC Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

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

**Lab Sample ID: 890-9135-1 MS** — **Client Sample ID: BH - 1 (0-1')**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 125203** — **Prep Batch: 124992**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | <0.00201 | U F1 | 0.100 | 0.05250 | F1 | mg/Kg | | 53 | 70 - 130 |
| m,p-Xylenes | <0.00402 | U F1 | 0.200 | 0.06866 | F1 | mg/Kg | | 34 | 70 - 130 |
| o-Xylene | <0.00201 | U F1 | 0.100 | 0.06373 | F1 | mg/Kg | | 64 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *115* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* |

**Lab Sample ID: 890-9135-1 MSD** — **Client Sample ID: BH - 1 (0-1')**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 125203** — **Prep Batch: 124992**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.100 | 0.07839 | | mg/Kg | | 78 | 70 - 130 | 11 | 35 |
| Toluene | <0.00201 | U F1 | 0.100 | 0.06279 | F1 | mg/Kg | | 63 | 70 - 130 | 10 | 35 |
| Ethylbenzene | <0.00201 | U F1 | 0.100 | 0.06482 | F1 | mg/Kg | | 65 | 70 - 130 | 21 | 35 |
| m,p-Xylenes | <0.00402 | U F1 | 0.200 | 0.08199 | F1 | mg/Kg | | 41 | 70 - 130 | 18 | 35 |
| o-Xylene | <0.00201 | U F1 | 0.100 | 0.07485 | | mg/Kg | | 75 | 70 - 130 | 16 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *117* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* |

**Lab Sample ID: MB 880-124995/5-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 125203** — **Prep Batch: 124995**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 09:39 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 09:39 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 09:39 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 09:39 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 09:39 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 11/25/25 08:10 | 11/29/25 09:39 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *212* | *S1+* | *70 - 130* | *11/25/25 08:10* | *11/29/25 09:39* | *1* |
| *1,4-Difluorobenzene (Surr)* | *117* | | *70 - 130* | *11/25/25 08:10* | *11/29/25 09:39* | *1* |

**Lab Sample ID: LCS 880-124995/1-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 125203** — **Prep Batch: 124995**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.1031 | | mg/Kg | | 103 | 70 - 130 |
| Toluene | 0.100 | 0.1004 | | mg/Kg | | 100 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.1106 | | mg/Kg | | 111 | 70 - 130 |
| m,p-Xylenes | 0.200 | 0.2246 | | mg/Kg | | 112 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

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

**Lab Sample ID: LCS 880-124995/1-A**
**Matrix: Solid**
**Analysis Batch: 125203**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 124995**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| o-Xylene | | | 0.100 | 0.1139 | | mg/Kg | | 114 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* |

**Lab Sample ID: LCSD 880-124995/2-A**
**Matrix: Solid**
**Analysis Batch: 125203**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 124995**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1029 | | mg/Kg | | 103 | 70 - 130 | 0 | 35 |
| Toluene | | | 0.100 | 0.09272 | | mg/Kg | | 93 | 70 - 130 | 8 | 35 |
| Ethylbenzene | | | 0.100 | 0.1160 | | mg/Kg | | 116 | 70 - 130 | 5 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2162 | | mg/Kg | | 108 | 70 - 130 | 4 | 35 |
| o-Xylene | | | 0.100 | 0.1063 | | mg/Kg | | 106 | 70 - 130 | 7 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *93* | | *70 - 130* |

**Lab Sample ID: 890-9135-21 MS**
**Matrix: Solid**
**Analysis Batch: 125203**

**Client Sample ID: BH - 2 (6')**
**Prep Type: Total/NA**
**Prep Batch: 124995**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.100 | 0.07874 | | mg/Kg | | 79 | 70 - 130 | | |
| Toluene | <0.00198 | U F1 | 0.100 | 0.06872 | F1 | mg/Kg | | 69 | 70 - 130 | | |
| Ethylbenzene | <0.00198 | U | 0.100 | 0.06984 | | mg/Kg | | 70 | 70 - 130 | | |
| m,p-Xylenes | <0.00397 | U | 0.200 | 0.1617 | | mg/Kg | | 81 | 70 - 130 | | |
| o-Xylene | <0.00198 | U | 0.100 | 0.08438 | | mg/Kg | | 84 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *106* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* |

**Lab Sample ID: 890-9135-21 MSD**
**Matrix: Solid**
**Analysis Batch: 125203**

**Client Sample ID: BH - 2 (6')**
**Prep Type: Total/NA**
**Prep Batch: 124995**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.100 | 0.07755 | | mg/Kg | | 78 | 70 - 130 | 2 | 35 |
| Toluene | <0.00198 | U F1 | 0.100 | 0.06371 | F1 | mg/Kg | | 64 | 70 - 130 | 8 | 35 |
| Ethylbenzene | <0.00198 | U | 0.100 | 0.07076 | | mg/Kg | | 71 | 70 - 130 | 1 | 35 |
| m,p-Xylenes | <0.00397 | U | 0.200 | 0.1641 | | mg/Kg | | 82 | 70 - 130 | 1 | 35 |
| o-Xylene | <0.00198 | U | 0.100 | 0.08582 | | mg/Kg | | 86 | 70 - 130 | 2 | 35 |

# QC Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

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

**Lab Sample ID: 890-9135-21 MSD**
**Matrix: Solid**
**Analysis Batch: 125203**

**Client Sample ID: BH - 2 (6')**
**Prep Type: Total/NA**
**Prep Batch: 124995**

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 121 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 106 | | 70 - 130 |

**Lab Sample ID: MB 880-125169/5-A**
**Matrix: Solid**
**Analysis Batch: 125311**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 125169**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 11:32 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 11:32 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 11:32 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 11:32 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 11:32 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 11/26/25 13:44 | 12/02/25 11:32 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 86 | | 70 - 130 | 11/26/25 13:44 | 12/02/25 11:32 | 1 |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 | 11/26/25 13:44 | 12/02/25 11:32 | 1 |

**Lab Sample ID: LCS 880-125169/1-A**
**Matrix: Solid**
**Analysis Batch: 125311**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 125169**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09008 | | mg/Kg | | 90 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.08608 | | mg/Kg | | 86 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.08747 | | mg/Kg | | 87 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.1712 | | mg/Kg | | 86 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.08730 | | mg/Kg | | 87 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 92 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 - 130 |

**Lab Sample ID: LCSD 880-125169/2-A**
**Matrix: Solid**
**Analysis Batch: 125311**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 125169**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1025 | | mg/Kg | | 102 | 70 - 130 | 13 | 35 |
| Toluene | | | 0.100 | 0.09794 | | mg/Kg | | 98 | 70 - 130 | 13 | 35 |
| Ethylbenzene | | | 0.100 | 0.1029 | | mg/Kg | | 103 | 70 - 130 | 16 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2028 | | mg/Kg | | 101 | 70 - 130 | 17 | 35 |
| o-Xylene | | | 0.100 | 0.1008 | | mg/Kg | | 101 | 70 - 130 | 14 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 94 | | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

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

**Lab Sample ID: LCSD 880-125169/2-A**
**Matrix: Solid**
**Analysis Batch: 125311**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 125169**

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

**Lab Sample ID: 890-9141-A-1-C MS**
**Matrix: Solid**
**Analysis Batch: 125311**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 125169**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U F2 F1 | 0.100 | <0.00200 | U F1 | mg/Kg | | 1 | 70 - 130 |
| Toluene | <0.00200 | U F1 | 0.100 | <0.00200 | U F1 | mg/Kg | | 0 | 70 - 130 |
| Ethylbenzene | <0.00200 | U F2 F1 | 0.100 | 0.005100 | F1 | mg/Kg | | 5 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U F2 F1 | 0.200 | 0.01116 | F1 | mg/Kg | | 6 | 70 - 130 |
| o-Xylene | <0.00200 | U F2 F1 | 0.100 | 0.009643 | F1 | mg/Kg | | 10 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 95 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 - 130 |

**Lab Sample ID: 890-9141-A-1-D MSD**
**Matrix: Solid**
**Analysis Batch: 125311**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 125169**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U F2 F1 | 0.100 | 0.08655 | F2 | mg/Kg | | 87 | 70 - 130 | 194 | 35 |
| Toluene | <0.00200 | U F1 | 0.100 | 0.06348 | F1 | mg/Kg | | 63 | 70 - 130 | NC | 35 |
| Ethylbenzene | <0.00200 | U F2 F1 | 0.100 | 0.05779 | F2 F1 | mg/Kg | | 58 | 70 - 130 | 168 | 35 |
| m,p-Xylenes | <0.00399 | U F2 F1 | 0.200 | 0.1105 | F2 F1 | mg/Kg | | 55 | 70 - 130 | 163 | 35 |
| o-Xylene | <0.00200 | U F2 F1 | 0.100 | 0.05752 | F2 F1 | mg/Kg | | 58 | 70 - 130 | 143 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 78 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 109 | | 70 - 130 |

**Lab Sample ID: 880-64724-A-22-A MB**
**Matrix: Solid**
**Analysis Batch: 125342**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 125507**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 12/03/25 08:27 | 12/03/25 16:30 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 12/03/25 08:27 | 12/03/25 16:30 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 12/03/25 08:27 | 12/03/25 16:30 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 12/03/25 08:27 | 12/03/25 16:30 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 12/03/25 08:27 | 12/03/25 16:30 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 12/03/25 08:27 | 12/03/25 16:30 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 108 | | 70 - 130 | 12/03/25 08:27 | 12/03/25 16:30 | 1 |
| 1,4-Difluorobenzene (Surr) | 93 | | 70 - 130 | 12/03/25 08:27 | 12/03/25 16:30 | 1 |

# QC Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

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

**Lab Sample ID: MB 880-125507/5-A**
**Matrix: Solid**
**Analysis Batch: 125342**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 125507**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 12/03/25 08:27 | 12/03/25 10:05 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 12/03/25 08:27 | 12/03/25 10:05 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 12/03/25 08:27 | 12/03/25 10:05 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 12/03/25 08:27 | 12/03/25 10:05 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 12/03/25 08:27 | 12/03/25 10:05 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 12/03/25 08:27 | 12/03/25 10:05 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *113* | | *70 - 130* | *12/03/25 08:27* | *12/03/25 10:05* | *1* |
| *1,4-Difluorobenzene (Surr)* | *92* | | *70 - 130* | *12/03/25 08:27* | *12/03/25 10:05* | *1* |

**Lab Sample ID: LCS 880-125507/1-A**
**Matrix: Solid**
**Analysis Batch: 125342**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 125507**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.09861 | | mg/Kg | | 99 | 70 - 130 |
| Toluene | 0.100 | 0.09276 | | mg/Kg | | 93 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.09318 | | mg/Kg | | 93 | 70 - 130 |
| m,p-Xylenes | 0.200 | 0.1772 | | mg/Kg | | 89 | 70 - 130 |
| o-Xylene | 0.100 | 0.09315 | | mg/Kg | | 93 | 70 - 130 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* |

**Lab Sample ID: LCSD 880-125507/2-A**
**Matrix: Solid**
**Analysis Batch: 125342**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 125507**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.09625 | | mg/Kg | | 96 | 70 - 130 | 2 | 35 |
| Toluene | 0.100 | 0.09247 | | mg/Kg | | 92 | 70 - 130 | 0 | 35 |
| Ethylbenzene | 0.100 | 0.09695 | | mg/Kg | | 97 | 70 - 130 | 4 | 35 |
| m,p-Xylenes | 0.200 | 0.1833 | | mg/Kg | | 92 | 70 - 130 | 3 | 35 |
| o-Xylene | 0.100 | 0.09371 | | mg/Kg | | 94 | 70 - 130 | 1 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* |

**Lab Sample ID: 880-65588-A-1-D MS**
**Matrix: Solid**
**Analysis Batch: 125342**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 125507**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.100 | 0.1162 | | mg/Kg | | 116 | 70 - 130 |
| Toluene | <0.00202 | U | 0.100 | 0.1127 | | mg/Kg | | 113 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

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

**Lab Sample ID: 880-65588-A-1-D MS**
**Matrix: Solid**
**Analysis Batch: 125342**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 125507**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | <0.00202 | U | 0.100 | 0.1236 | | mg/Kg | | 124 | 70 - 130 |
| m,p-Xylenes | <0.00404 | U | 0.200 | 0.2113 | | mg/Kg | | 106 | 70 - 130 |
| o-Xylene | <0.00202 | U | 0.100 | 0.1132 | | mg/Kg | | 113 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *115* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* |

**Lab Sample ID: 880-65588-A-1-E MSD**
**Matrix: Solid**
**Analysis Batch: 125342**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 125507**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.100 | 0.1074 | | mg/Kg | | 107 | 70 - 130 | 8 | 35 |
| Toluene | <0.00202 | U | 0.100 | 0.09784 | | mg/Kg | | 98 | 70 - 130 | 14 | 35 |
| Ethylbenzene | <0.00202 | U | 0.100 | 0.09987 | | mg/Kg | | 100 | 70 - 130 | 21 | 35 |
| m,p-Xylenes | <0.00404 | U | 0.200 | 0.1862 | | mg/Kg | | 93 | 70 - 130 | 13 | 35 |
| o-Xylene | <0.00202 | U | 0.100 | 0.09453 | | mg/Kg | | 95 | 70 - 130 | 18 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *109* | | *70 - 130* |

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

**Lab Sample ID: MB 880-124987/1-A**
**Matrix: Solid**
**Analysis Batch: 125269**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 124987**

| 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 | | 11/25/25 07:46 | 12/02/25 00:49 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:46 | 12/02/25 00:49 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:46 | 12/02/25 00:49 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *151* | *S1+* | *70 - 130* | *11/25/25 07:46* | *12/02/25 00:49* | *1* |
| *o-Terphenyl (Surr)* | *133* | *S1+* | *70 - 130* | *11/25/25 07:46* | *12/02/25 00:49* | *1* |

**Lab Sample ID: LCS 880-124987/2-A**
**Matrix: Solid**
**Analysis Batch: 125269**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 124987**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 893.8 | | mg/Kg | | 89 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 1031 | | mg/Kg | | 103 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

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

**Lab Sample ID: LCS 880-124987/2-A**
**Matrix: Solid**
**Analysis Batch: 125269**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 124987**

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 168 | S1+ | 70 - 130 |
| o-Terphenyl (Surr) | 133 | S1+ | 70 - 130 |

**Lab Sample ID: LCSD 880-124987/3-A**
**Matrix: Solid**
**Analysis Batch: 125269**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 124987**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 932.0 | | mg/Kg | | 93 | 70 - 130 | 4 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1068 | | mg/Kg | | 107 | 70 - 130 | 3 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 174 | S1+ | 70 - 130 |
| o-Terphenyl (Surr) | 138 | S1+ | 70 - 130 |

**Lab Sample ID: 880-65392-A-14-B MS**
**Matrix: Solid**
**Analysis Batch: 125269**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 124987**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 1000 | 799.4 | | mg/Kg | | 80 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 1000 | 955.4 | | mg/Kg | | 95 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 150 | S1+ | 70 - 130 |
| o-Terphenyl (Surr) | 119 | | 70 - 130 |

**Lab Sample ID: 880-65392-A-14-C MSD**
**Matrix: Solid**
**Analysis Batch: 125269**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 124987**

| 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 | 1000 | 785.2 | | mg/Kg | | 78 | 70 - 130 | 2 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 1000 | 930.3 | | mg/Kg | | 93 | 70 - 130 | 3 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 149 | S1+ | 70 - 130 |
| o-Terphenyl (Surr) | 118 | | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

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

**Lab Sample ID: MB 880-124990/1-A**
**Matrix: Solid**
**Analysis Batch: 125281**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 124990**

| 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 | | 11/25/25 07:56 | 12/01/25 17:26 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 17:26 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:56 | 12/01/25 17:26 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *73* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 17:26* | *1* |
| *o-Terphenyl (Surr)* | *80* | | *70 - 130* | *11/25/25 07:56* | *12/01/25 17:26* | *1* |

**Lab Sample ID: LCS 880-124990/2-A**
**Matrix: Solid**
**Analysis Batch: 125281**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 124990**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 811.7 | | mg/Kg | | 81 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 779.9 | | mg/Kg | | 78 | 70 - 130 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *87* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *82* | | *70 - 130* |

**Lab Sample ID: LCSD 880-124990/3-A**
**Matrix: Solid**
**Analysis Batch: 125281**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 124990**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 867.7 | | mg/Kg | | 87 | 70 - 130 | 7 | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 886.7 | | mg/Kg | | 89 | 70 - 130 | 13 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *73* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *87* | | *70 - 130* |

**Lab Sample ID: 890-9135-4 MS**
**Matrix: Solid**
**Analysis Batch: 125281**

**Client Sample ID: BH - 1 (4')**
**Prep Type: Total/NA**
**Prep Batch: 124990**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 999 | 786.3 | | mg/Kg | | 77 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 733.4 | | mg/Kg | | 73 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

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

**Lab Sample ID: 890-9135-4 MS**
**Matrix: Solid**
**Analysis Batch: 125281**

**Client Sample ID: BH - 1 (4')**
**Prep Type: Total/NA**
**Prep Batch: 124990**

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 86 | | 70 - 130 |
| o-Terphenyl (Surr) | 83 | | 70 - 130 |

**Lab Sample ID: 890-9135-4 MSD**
**Matrix: Solid**
**Analysis Batch: 125281**

**Client Sample ID: BH - 1 (4')**
**Prep Type: Total/NA**
**Prep Batch: 124990**

| 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 | 999 | 795.9 | | mg/Kg | | 78 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 736.5 | | mg/Kg | | 74 | 70 - 130 | 0 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 86 | | 70 - 130 |
| o-Terphenyl (Surr) | 82 | | 70 - 130 |

**Lab Sample ID: MB 880-124991/1-A**
**Matrix: Solid**
**Analysis Batch: 125284**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 124991**

| 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 | | 11/25/25 07:59 | 12/01/25 17:26 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 17:26 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 07:59 | 12/01/25 17:26 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 104 | | 70 - 130 | 11/25/25 07:59 | 12/01/25 17:26 | 1 |
| o-Terphenyl (Surr) | 123 | | 70 - 130 | 11/25/25 07:59 | 12/01/25 17:26 | 1 |

**Lab Sample ID: LCS 880-124991/2-A**
**Matrix: Solid**
**Analysis Batch: 125284**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 124991**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 911.0 | | mg/Kg | | 91 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 958.0 | | mg/Kg | | 96 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 103 | | 70 - 130 |
| o-Terphenyl (Surr) | 124 | | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

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

**Lab Sample ID: LCSD 880-124991/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 125284** — **Prep Batch: 124991**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 902.6 | | mg/Kg | | 90 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 904.7 | | mg/Kg | | 90 | 70 - 130 | 6 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *99* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *118* | | *70 - 130* |

**Lab Sample ID: 890-9135-24 MS** — **Client Sample ID: BH - 2 (9')**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 125284** — **Prep Batch: 124991**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 999 | 948.1 | | mg/Kg | | 95 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 1021 | | mg/Kg | | 102 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *115* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *153* | *S1+* | *70 - 130* |

**Lab Sample ID: 890-9135-24 MSD** — **Client Sample ID: BH - 2 (9')**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 125284** — **Prep Batch: 124991**

| 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 | 999 | 953.5 | | mg/Kg | | 95 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 1027 | | mg/Kg | | 103 | 70 - 130 | 1 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *115* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *150* | *S1+* | *70 - 130* |

**Lab Sample ID: MB 880-124993/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 125367** — **Prep Batch: 124993**

| 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 | | 11/25/25 08:04 | 12/02/25 07:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 08:04 | 12/02/25 07:44 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/25/25 08:04 | 12/02/25 07:44 | 1 |

# QC Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

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

**Lab Sample ID: MB 880-124993/1-A**
**Matrix: Solid**
**Analysis Batch: 125367**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 124993**

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 114 | | 70 - 130 | 11/25/25 08:04 | 12/02/25 07:44 | 1 |
| o-Terphenyl (Surr) | 121 | | 70 - 130 | 11/25/25 08:04 | 12/02/25 07:44 | 1 |

**Lab Sample ID: LCS 880-124993/2-A**
**Matrix: Solid**
**Analysis Batch: 125367**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 124993**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 902.3 | | mg/Kg | | 90 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1043 | | mg/Kg | | 104 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 114 | | 70 - 130 |
| o-Terphenyl (Surr) | 112 | | 70 - 130 |

**Lab Sample ID: LCSD 880-124993/3-A**
**Matrix: Solid**
**Analysis Batch: 125367**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 124993**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1001 | | mg/Kg | | 100 | 70 - 130 | 10 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1171 | | mg/Kg | | 117 | 70 - 130 | 12 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 126 | | 70 - 130 |
| o-Terphenyl (Surr) | 132 | S1+ | 70 - 130 |

**Lab Sample ID: 890-9135-44 MS**
**Matrix: Solid**
**Analysis Batch: 125367**

**Client Sample ID: BH - 5 (13')**
**Prep Type: Total/NA**
**Prep Batch: 124993**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 999 | 793.0 | | mg/Kg | | 79 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 904.3 | | mg/Kg | | 89 | 70 - 130 | | |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 120 | | 70 - 130 |
| o-Terphenyl (Surr) | 119 | | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

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

**Lab Sample ID: 890-9135-44 MSD** — **Client Sample ID: BH - 5 (13')**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 125367** — **Prep Batch: 124993**

| 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 | 999 | 778.2 | | mg/Kg | | 78 | 70 - 130 | 2 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 948.2 | | mg/Kg | | 93 | 70 - 130 | 5 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *128* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *127* | | *70 - 130* |

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-125076/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 125140**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 11/26/25 16:52 | 1 |

**Lab Sample ID: LCS 880-125076/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 125140**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 238.6 | | mg/Kg | | 95 | 90 - 110 |

**Lab Sample ID: LCSD 880-125076/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 125140**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 250 | 240.7 | | mg/Kg | | 96 | 90 - 110 | 1 | 20 |

**Lab Sample ID: 890-9135-5 MS** — **Client Sample ID: BH - 1 (5')**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 125140**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 2740 | F1 | 1260 | 4211 | F1 | mg/Kg | | 117 | 90 - 110 |

**Lab Sample ID: 890-9135-5 MSD** — **Client Sample ID: BH - 1 (5')**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 125140**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 2740 | F1 | 1260 | 4220 | F1 | mg/Kg | | 118 | 90 - 110 | 0 | 20 |

# QC Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: MB 880-125079/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 125158**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 11/26/25 17:57 | 1 |

**Lab Sample ID: LCS 880-125079/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 125158**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 240.0 | | mg/Kg | | 96 | 90 - 110 |

**Lab Sample ID: LCSD 880-125079/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 125158**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 250 | 239.4 | | mg/Kg | | 96 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 890-9135-35 MS** — **Client Sample ID: BH - 5 (4')**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 125158**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 145 | | 250 | 399.8 | | mg/Kg | | 102 | 90 - 110 |

**Lab Sample ID: 890-9135-35 MSD** — **Client Sample ID: BH - 5 (4')**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 125158**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 145 | | 250 | 400.0 | | mg/Kg | | 102 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 890-9135-45 MS** — **Client Sample ID: BH - 5 (14')**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 125158**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 679 | | 253 | 909.8 | | mg/Kg | | 91 | 90 - 110 |

**Lab Sample ID: 890-9135-45 MSD** — **Client Sample ID: BH - 5 (14')**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 125158**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 679 | | 253 | 910.1 | | mg/Kg | | 92 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-125077/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 125160**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 11/26/25 17:16 | 1 |

# QC Sample Results

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: LCS 880-125077/2-A**
**Matrix: Solid**
**Analysis Batch: 125160**

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

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 233.8 | | mg/Kg | | 94 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-125077/3-A**
**Matrix: Solid**
**Analysis Batch: 125160**

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

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 236.1 | | mg/Kg | | 94 | 90 - 110 | 1 | 20 |

**Lab Sample ID: 890-9135-15 MS**
**Matrix: Solid**
**Analysis Batch: 125160**

**Client Sample ID: BH - 1 (15')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 61.6 | | 252 | 291.3 | | mg/Kg | | 91 | 90 - 110 | | |

**Lab Sample ID: 890-9135-15 MSD**
**Matrix: Solid**
**Analysis Batch: 125160**

**Client Sample ID: BH - 1 (15')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 61.6 | | 252 | 296.4 | | mg/Kg | | 93 | 90 - 110 | 2 | 20 |

**Lab Sample ID: 890-9135-25 MS**
**Matrix: Solid**
**Analysis Batch: 125160**

**Client Sample ID: BH - 2 (10')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 1700 | F1 | 1250 | 3111 | F1 | mg/Kg | | 112 | 90 - 110 | | |

**Lab Sample ID: 890-9135-25 MSD**
**Matrix: Solid**
**Analysis Batch: 125160**

**Client Sample ID: BH - 2 (10')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 1700 | F1 | 1250 | 3155 | F1 | mg/Kg | | 116 | 90 - 110 | 1 | 20 |

# QC Association Summary

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## GC VOA

### Prep Batch: 124992

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-1 | BH - 1 (0-1') | Total/NA | Solid | 5035 | |
| 890-9135-2 | BH - 1 (2') | Total/NA | Solid | 5035 | |
| 890-9135-3 | BH - 1 (3') | Total/NA | Solid | 5035 | |
| 890-9135-4 | BH - 1 (4') | Total/NA | Solid | 5035 | |
| 890-9135-5 | BH - 1 (5') | Total/NA | Solid | 5035 | |
| 890-9135-6 | BH - 1 (6') | Total/NA | Solid | 5035 | |
| 890-9135-7 | BH - 1 (7') | Total/NA | Solid | 5035 | |
| 890-9135-8 | BH - 1 (8') | Total/NA | Solid | 5035 | |
| 890-9135-9 | BH - 1 (9') | Total/NA | Solid | 5035 | |
| 890-9135-10 | BH - 1 (10') | Total/NA | Solid | 5035 | |
| 890-9135-11 | BH - 1 (11') | Total/NA | Solid | 5035 | |
| 890-9135-12 | BH - 1 (12') | Total/NA | Solid | 5035 | |
| 890-9135-13 | BH - 1 (13') | Total/NA | Solid | 5035 | |
| 890-9135-14 | BH - 1 (14') | Total/NA | Solid | 5035 | |
| 890-9135-15 | BH - 1 (15') | Total/NA | Solid | 5035 | |
| 890-9135-16 | BH - 2 (0-1') | Total/NA | Solid | 5035 | |
| 890-9135-17 | BH - 2 (2') | Total/NA | Solid | 5035 | |
| 890-9135-18 | BH - 2 (3') | Total/NA | Solid | 5035 | |
| 890-9135-19 | BH - 2 (4') | Total/NA | Solid | 5035 | |
| 890-9135-20 | BH - 2 (5') | Total/NA | Solid | 5035 | |
| MB 880-124992/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-124992/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-124992/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 890-9135-1 MS | BH - 1 (0-1') | Total/NA | Solid | 5035 | |
| 890-9135-1 MSD | BH - 1 (0-1') | Total/NA | Solid | 5035 | |

### Prep Batch: 124995

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-21 | BH - 2 (6') | Total/NA | Solid | 5035 | |
| 890-9135-22 | BH - 2 (7') | Total/NA | Solid | 5035 | |
| 890-9135-23 | BH - 2 (8') | Total/NA | Solid | 5035 | |
| 890-9135-24 | BH - 2 (9') | Total/NA | Solid | 5035 | |
| 890-9135-25 | BH - 2 (10') | Total/NA | Solid | 5035 | |
| 890-9135-26 | BH - 2 (11') | Total/NA | Solid | 5035 | |
| 890-9135-27 | BH - 2 (12') | Total/NA | Solid | 5035 | |
| 890-9135-28 | BH - 2 (13') | Total/NA | Solid | 5035 | |
| 890-9135-29 | BH - 2 (14') | Total/NA | Solid | 5035 | |
| 890-9135-30 | BH - 2 (15') | Total/NA | Solid | 5035 | |
| 890-9135-31 | BH - 2 (20') | Total/NA | Solid | 5035 | |
| 890-9135-32 | BH - 5 (0') | Total/NA | Solid | 5035 | |
| 890-9135-33 | BH - 5 (2') | Total/NA | Solid | 5035 | |
| 890-9135-34 | BH - 5 (3') | Total/NA | Solid | 5035 | |
| 890-9135-35 | BH - 5 (4') | Total/NA | Solid | 5035 | |
| 890-9135-36 | BH - 5 (5') | Total/NA | Solid | 5035 | |
| 890-9135-37 | BH - 5 (6') | Total/NA | Solid | 5035 | |
| 890-9135-38 | BH - 5 (7') | Total/NA | Solid | 5035 | |
| 890-9135-39 | BH - 5 (8') | Total/NA | Solid | 5035 | |
| 890-9135-40 | BH - 5 (9') | Total/NA | Solid | 5035 | |
| MB 880-124995/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-124995/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-124995/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |

# QC Association Summary

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## GC VOA (Continued)

### Prep Batch: 124995 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-21 MS | BH - 2 (6') | Total/NA | Solid | 5035 | |
| 890-9135-21 MSD | BH - 2 (6') | Total/NA | Solid | 5035 | |

### Prep Batch: 125169

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-41 | BH - 5 (10') | Total/NA | Solid | 5035 | |
| 890-9135-42 | BH - 5 (11') | Total/NA | Solid | 5035 | |
| 890-9135-43 | BH - 5 (12') | Total/NA | Solid | 5035 | |
| 890-9135-44 | BH - 5 (13') | Total/NA | Solid | 5035 | |
| 890-9135-45 | BH - 5 (14') | Total/NA | Solid | 5035 | |
| 890-9135-46 | BH - 5 (15') | Total/NA | Solid | 5035 | |
| MB 880-125169/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-125169/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-125169/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 890-9141-A-1-C MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 890-9141-A-1-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

### Analysis Batch: 125203

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-1 | BH - 1 (0-1') | Total/NA | Solid | 8021B | 124992 |
| 890-9135-2 | BH - 1 (2') | Total/NA | Solid | 8021B | 124992 |
| 890-9135-3 | BH - 1 (3') | Total/NA | Solid | 8021B | 124992 |
| 890-9135-4 | BH - 1 (4') | Total/NA | Solid | 8021B | 124992 |
| 890-9135-5 | BH - 1 (5') | Total/NA | Solid | 8021B | 124992 |
| 890-9135-6 | BH - 1 (6') | Total/NA | Solid | 8021B | 124992 |
| 890-9135-7 | BH - 1 (7') | Total/NA | Solid | 8021B | 124992 |
| 890-9135-8 | BH - 1 (8') | Total/NA | Solid | 8021B | 124992 |
| 890-9135-9 | BH - 1 (9') | Total/NA | Solid | 8021B | 124992 |
| 890-9135-10 | BH - 1 (10') | Total/NA | Solid | 8021B | 124992 |
| 890-9135-11 | BH - 1 (11') | Total/NA | Solid | 8021B | 124992 |
| 890-9135-12 | BH - 1 (12') | Total/NA | Solid | 8021B | 124992 |
| 890-9135-13 | BH - 1 (13') | Total/NA | Solid | 8021B | 124992 |
| 890-9135-14 | BH - 1 (14') | Total/NA | Solid | 8021B | 124992 |
| 890-9135-15 | BH - 1 (15') | Total/NA | Solid | 8021B | 124992 |
| 890-9135-16 | BH - 2 (0-1') | Total/NA | Solid | 8021B | 124992 |
| 890-9135-17 | BH - 2 (2') | Total/NA | Solid | 8021B | 124992 |
| 890-9135-18 | BH - 2 (3') | Total/NA | Solid | 8021B | 124992 |
| 890-9135-19 | BH - 2 (4') | Total/NA | Solid | 8021B | 124992 |
| 890-9135-20 | BH - 2 (5') | Total/NA | Solid | 8021B | 124992 |
| 890-9135-21 | BH - 2 (6') | Total/NA | Solid | 8021B | 124995 |
| 890-9135-22 | BH - 2 (7') | Total/NA | Solid | 8021B | 124995 |
| 890-9135-23 | BH - 2 (8') | Total/NA | Solid | 8021B | 124995 |
| 890-9135-24 | BH - 2 (9') | Total/NA | Solid | 8021B | 124995 |
| 890-9135-25 | BH - 2 (10') | Total/NA | Solid | 8021B | 124995 |
| 890-9135-26 | BH - 2 (11') | Total/NA | Solid | 8021B | 124995 |
| 890-9135-27 | BH - 2 (12') | Total/NA | Solid | 8021B | 124995 |
| 890-9135-28 | BH - 2 (13') | Total/NA | Solid | 8021B | 124995 |
| 890-9135-29 | BH - 2 (14') | Total/NA | Solid | 8021B | 124995 |
| 890-9135-30 | BH - 2 (15') | Total/NA | Solid | 8021B | 124995 |
| 890-9135-31 | BH - 2 (20') | Total/NA | Solid | 8021B | 124995 |
| 890-9135-32 | BH - 5 (0') | Total/NA | Solid | 8021B | 124995 |

# QC Association Summary

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## GC VOA (Continued)

### Analysis Batch: 125203 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-33 | BH - 5 (2') | Total/NA | Solid | 8021B | 124995 |
| 890-9135-34 | BH - 5 (3') | Total/NA | Solid | 8021B | 124995 |
| 890-9135-35 | BH - 5 (4') | Total/NA | Solid | 8021B | 124995 |
| 890-9135-36 | BH - 5 (5') | Total/NA | Solid | 8021B | 124995 |
| 890-9135-37 | BH - 5 (6') | Total/NA | Solid | 8021B | 124995 |
| 890-9135-38 | BH - 5 (7') | Total/NA | Solid | 8021B | 124995 |
| 890-9135-39 | BH - 5 (8') | Total/NA | Solid | 8021B | 124995 |
| 890-9135-40 | BH - 5 (9') | Total/NA | Solid | 8021B | 124995 |
| MB 880-124992/5-A | Method Blank | Total/NA | Solid | 8021B | 124992 |
| MB 880-124995/5-A | Method Blank | Total/NA | Solid | 8021B | 124995 |
| LCS 880-124992/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 124992 |
| LCS 880-124995/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 124995 |
| LCSD 880-124992/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 124992 |
| LCSD 880-124995/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 124995 |
| 890-9135-1 MS | BH - 1 (0-1') | Total/NA | Solid | 8021B | 124992 |
| 890-9135-1 MSD | BH - 1 (0-1') | Total/NA | Solid | 8021B | 124992 |
| 890-9135-21 MS | BH - 2 (6') | Total/NA | Solid | 8021B | 124995 |
| 890-9135-21 MSD | BH - 2 (6') | Total/NA | Solid | 8021B | 124995 |

### Analysis Batch: 125299

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-1 | BH - 1 (0-1') | Total/NA | Solid | Total BTEX | |
| 890-9135-2 | BH - 1 (2') | Total/NA | Solid | Total BTEX | |
| 890-9135-3 | BH - 1 (3') | Total/NA | Solid | Total BTEX | |
| 890-9135-4 | BH - 1 (4') | Total/NA | Solid | Total BTEX | |
| 890-9135-5 | BH - 1 (5') | Total/NA | Solid | Total BTEX | |
| 890-9135-6 | BH - 1 (6') | Total/NA | Solid | Total BTEX | |
| 890-9135-7 | BH - 1 (7') | Total/NA | Solid | Total BTEX | |
| 890-9135-8 | BH - 1 (8') | Total/NA | Solid | Total BTEX | |
| 890-9135-9 | BH - 1 (9') | Total/NA | Solid | Total BTEX | |
| 890-9135-10 | BH - 1 (10') | Total/NA | Solid | Total BTEX | |
| 890-9135-11 | BH - 1 (11') | Total/NA | Solid | Total BTEX | |
| 890-9135-12 | BH - 1 (12') | Total/NA | Solid | Total BTEX | |
| 890-9135-13 | BH - 1 (13') | Total/NA | Solid | Total BTEX | |
| 890-9135-14 | BH - 1 (14') | Total/NA | Solid | Total BTEX | |
| 890-9135-15 | BH - 1 (15') | Total/NA | Solid | Total BTEX | |
| 890-9135-16 | BH - 2 (0-1') | Total/NA | Solid | Total BTEX | |
| 890-9135-17 | BH - 2 (2') | Total/NA | Solid | Total BTEX | |
| 890-9135-18 | BH - 2 (3') | Total/NA | Solid | Total BTEX | |
| 890-9135-19 | BH - 2 (4') | Total/NA | Solid | Total BTEX | |
| 890-9135-20 | BH - 2 (5') | Total/NA | Solid | Total BTEX | |
| 890-9135-21 | BH - 2 (6') | Total/NA | Solid | Total BTEX | |
| 890-9135-22 | BH - 2 (7') | Total/NA | Solid | Total BTEX | |
| 890-9135-23 | BH - 2 (8') | Total/NA | Solid | Total BTEX | |
| 890-9135-24 | BH - 2 (9') | Total/NA | Solid | Total BTEX | |
| 890-9135-25 | BH - 2 (10') | Total/NA | Solid | Total BTEX | |
| 890-9135-26 | BH - 2 (11') | Total/NA | Solid | Total BTEX | |
| 890-9135-27 | BH - 2 (12') | Total/NA | Solid | Total BTEX | |
| 890-9135-28 | BH - 2 (13') | Total/NA | Solid | Total BTEX | |
| 890-9135-29 | BH - 2 (14') | Total/NA | Solid | Total BTEX | |
| 890-9135-30 | BH - 2 (15') | Total/NA | Solid | Total BTEX | |

# QC Association Summary

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## GC VOA (Continued)

### Analysis Batch: 125299 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-31 | BH - 2 (20') | Total/NA | Solid | Total BTEX | |
| 890-9135-32 | BH - 5 (0') | Total/NA | Solid | Total BTEX | |
| 890-9135-33 | BH - 5 (2') | Total/NA | Solid | Total BTEX | |
| 890-9135-34 | BH - 5 (3') | Total/NA | Solid | Total BTEX | |
| 890-9135-35 | BH - 5 (4') | Total/NA | Solid | Total BTEX | |
| 890-9135-36 | BH - 5 (5') | Total/NA | Solid | Total BTEX | |
| 890-9135-37 | BH - 5 (6') | Total/NA | Solid | Total BTEX | |
| 890-9135-38 | BH - 5 (7') | Total/NA | Solid | Total BTEX | |
| 890-9135-39 | BH - 5 (8') | Total/NA | Solid | Total BTEX | |
| 890-9135-40 | BH - 5 (9') | Total/NA | Solid | Total BTEX | |
| 890-9135-41 | BH - 5 (10') | Total/NA | Solid | Total BTEX | |
| 890-9135-42 | BH - 5 (11') | Total/NA | Solid | Total BTEX | |
| 890-9135-43 | BH - 5 (12') | Total/NA | Solid | Total BTEX | |
| 890-9135-44 | BH - 5 (13') | Total/NA | Solid | Total BTEX | |
| 890-9135-45 | BH - 5 (14') | Total/NA | Solid | Total BTEX | |
| 890-9135-46 | BH - 5 (15') | Total/NA | Solid | Total BTEX | |
| 890-9135-47 | BH - 5 (20') | Total/NA | Solid | Total BTEX | |

### Analysis Batch: 125311

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-41 | BH - 5 (10') | Total/NA | Solid | 8021B | 125169 |
| 890-9135-42 | BH - 5 (11') | Total/NA | Solid | 8021B | 125169 |
| 890-9135-43 | BH - 5 (12') | Total/NA | Solid | 8021B | 125169 |
| 890-9135-44 | BH - 5 (13') | Total/NA | Solid | 8021B | 125169 |
| 890-9135-45 | BH - 5 (14') | Total/NA | Solid | 8021B | 125169 |
| 890-9135-46 | BH - 5 (15') | Total/NA | Solid | 8021B | 125169 |
| MB 880-125169/5-A | Method Blank | Total/NA | Solid | 8021B | 125169 |
| LCS 880-125169/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 125169 |
| LCSD 880-125169/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 125169 |
| 890-9141-A-1-C MS | Matrix Spike | Total/NA | Solid | 8021B | 125169 |
| 890-9141-A-1-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 125169 |

### Analysis Batch: 125342

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-47 | BH - 5 (20') | Total/NA | Solid | 8021B | 125507 |
| 880-64724-A-22-A MB | Method Blank | Total/NA | Solid | 8021B | 125507 |
| MB 880-125507/5-A | Method Blank | Total/NA | Solid | 8021B | 125507 |
| LCS 880-125507/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 125507 |
| LCSD 880-125507/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 125507 |
| 880-65588-A-1-D MS | Matrix Spike | Total/NA | Solid | 8021B | 125507 |
| 880-65588-A-1-E MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 125507 |

### Prep Batch: 125507

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-47 | BH - 5 (20') | Total/NA | Solid | 5035 | |
| 880-64724-A-22-A MB | Method Blank | Total/NA | Solid | 5035 | |
| MB 880-125507/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-125507/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-125507/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-65588-A-1-D MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-65588-A-1-E MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

# QC Association Summary

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## GC Semi VOA

### Prep Batch: 124987

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-1 | BH - 1 (0-1') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-2 | BH - 1 (2') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-3 | BH - 1 (3') | Total/NA | Solid | 8015NM Prep | |
| MB 880-124987/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-124987/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-124987/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-65392-A-14-B MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-65392-A-14-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 124990

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-4 | BH - 1 (4') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-5 | BH - 1 (5') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-6 | BH - 1 (6') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-7 | BH - 1 (7') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-8 | BH - 1 (8') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-9 | BH - 1 (9') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-10 | BH - 1 (10') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-11 | BH - 1 (11') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-12 | BH - 1 (12') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-13 | BH - 1 (13') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-14 | BH - 1 (14') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-15 | BH - 1 (15') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-16 | BH - 2 (0-1') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-17 | BH - 2 (2') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-18 | BH - 2 (3') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-19 | BH - 2 (4') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-20 | BH - 2 (5') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-21 | BH - 2 (6') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-22 | BH - 2 (7') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-23 | BH - 2 (8') | Total/NA | Solid | 8015NM Prep | |
| MB 880-124990/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-124990/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-124990/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-9135-4 MS | BH - 1 (4') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-4 MSD | BH - 1 (4') | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 124991

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-24 | BH - 2 (9') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-25 | BH - 2 (10') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-26 | BH - 2 (11') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-27 | BH - 2 (12') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-28 | BH - 2 (13') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-29 | BH - 2 (14') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-30 | BH - 2 (15') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-31 | BH - 2 (20') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-32 | BH - 5 (0') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-33 | BH - 5 (2') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-34 | BH - 5 (3') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-35 | BH - 5 (4') | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## GC Semi VOA (Continued)

### Prep Batch: 124991 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-36 | BH - 5 (5') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-37 | BH - 5 (6') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-38 | BH - 5 (7') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-39 | BH - 5 (8') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-40 | BH - 5 (9') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-41 | BH - 5 (10') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-42 | BH - 5 (11') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-43 | BH - 5 (12') | Total/NA | Solid | 8015NM Prep | |
| MB 880-124991/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-124991/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-124991/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-9135-24 MS | BH - 2 (9') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-24 MSD | BH - 2 (9') | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 124993

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-44 | BH - 5 (13') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-45 | BH - 5 (14') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-46 | BH - 5 (15') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-47 | BH - 5 (20') | Total/NA | Solid | 8015NM Prep | |
| MB 880-124993/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-124993/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-124993/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-9135-44 MS | BH - 5 (13') | Total/NA | Solid | 8015NM Prep | |
| 890-9135-44 MSD | BH - 5 (13') | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 125269

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-1 | BH - 1 (0-1') | Total/NA | Solid | 8015B NM | 124987 |
| 890-9135-2 | BH - 1 (2') | Total/NA | Solid | 8015B NM | 124987 |
| 890-9135-3 | BH - 1 (3') | Total/NA | Solid | 8015B NM | 124987 |
| MB 880-124987/1-A | Method Blank | Total/NA | Solid | 8015B NM | 124987 |
| LCS 880-124987/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 124987 |
| LCSD 880-124987/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 124987 |
| 880-65392-A-14-B MS | Matrix Spike | Total/NA | Solid | 8015B NM | 124987 |
| 880-65392-A-14-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 124987 |

### Analysis Batch: 125281

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-4 | BH - 1 (4') | Total/NA | Solid | 8015B NM | 124990 |
| 890-9135-5 | BH - 1 (5') | Total/NA | Solid | 8015B NM | 124990 |
| 890-9135-6 | BH - 1 (6') | Total/NA | Solid | 8015B NM | 124990 |
| 890-9135-7 | BH - 1 (7') | Total/NA | Solid | 8015B NM | 124990 |
| 890-9135-8 | BH - 1 (8') | Total/NA | Solid | 8015B NM | 124990 |
| 890-9135-9 | BH - 1 (9') | Total/NA | Solid | 8015B NM | 124990 |
| 890-9135-10 | BH - 1 (10') | Total/NA | Solid | 8015B NM | 124990 |
| 890-9135-11 | BH - 1 (11') | Total/NA | Solid | 8015B NM | 124990 |
| 890-9135-12 | BH - 1 (12') | Total/NA | Solid | 8015B NM | 124990 |
| 890-9135-13 | BH - 1 (13') | Total/NA | Solid | 8015B NM | 124990 |
| 890-9135-14 | BH - 1 (14') | Total/NA | Solid | 8015B NM | 124990 |
| 890-9135-15 | BH - 1 (15') | Total/NA | Solid | 8015B NM | 124990 |

# QC Association Summary

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## GC Semi VOA (Continued)

### Analysis Batch: 125281 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-16 | BH - 2 (0-1') | Total/NA | Solid | 8015B NM | 124990 |
| 890-9135-17 | BH - 2 (2') | Total/NA | Solid | 8015B NM | 124990 |
| 890-9135-18 | BH - 2 (3') | Total/NA | Solid | 8015B NM | 124990 |
| 890-9135-19 | BH - 2 (4') | Total/NA | Solid | 8015B NM | 124990 |
| 890-9135-20 | BH - 2 (5') | Total/NA | Solid | 8015B NM | 124990 |
| 890-9135-21 | BH - 2 (6') | Total/NA | Solid | 8015B NM | 124990 |
| 890-9135-22 | BH - 2 (7') | Total/NA | Solid | 8015B NM | 124990 |
| 890-9135-23 | BH - 2 (8') | Total/NA | Solid | 8015B NM | 124990 |
| MB 880-124990/1-A | Method Blank | Total/NA | Solid | 8015B NM | 124990 |
| LCS 880-124990/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 124990 |
| LCSD 880-124990/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 124990 |
| 890-9135-4 MS | BH - 1 (4') | Total/NA | Solid | 8015B NM | 124990 |
| 890-9135-4 MSD | BH - 1 (4') | Total/NA | Solid | 8015B NM | 124990 |

### Analysis Batch: 125284

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-24 | BH - 2 (9') | Total/NA | Solid | 8015B NM | 124991 |
| 890-9135-25 | BH - 2 (10') | Total/NA | Solid | 8015B NM | 124991 |
| 890-9135-26 | BH - 2 (11') | Total/NA | Solid | 8015B NM | 124991 |
| 890-9135-27 | BH - 2 (12') | Total/NA | Solid | 8015B NM | 124991 |
| 890-9135-28 | BH - 2 (13') | Total/NA | Solid | 8015B NM | 124991 |
| 890-9135-29 | BH - 2 (14') | Total/NA | Solid | 8015B NM | 124991 |
| 890-9135-30 | BH - 2 (15') | Total/NA | Solid | 8015B NM | 124991 |
| 890-9135-31 | BH - 2 (20') | Total/NA | Solid | 8015B NM | 124991 |
| 890-9135-32 | BH - 5 (0') | Total/NA | Solid | 8015B NM | 124991 |
| 890-9135-33 | BH - 5 (2') | Total/NA | Solid | 8015B NM | 124991 |
| 890-9135-34 | BH - 5 (3') | Total/NA | Solid | 8015B NM | 124991 |
| 890-9135-35 | BH - 5 (4') | Total/NA | Solid | 8015B NM | 124991 |
| 890-9135-36 | BH - 5 (5') | Total/NA | Solid | 8015B NM | 124991 |
| 890-9135-37 | BH - 5 (6') | Total/NA | Solid | 8015B NM | 124991 |
| 890-9135-38 | BH - 5 (7') | Total/NA | Solid | 8015B NM | 124991 |
| 890-9135-39 | BH - 5 (8') | Total/NA | Solid | 8015B NM | 124991 |
| 890-9135-40 | BH - 5 (9') | Total/NA | Solid | 8015B NM | 124991 |
| 890-9135-41 | BH - 5 (10') | Total/NA | Solid | 8015B NM | 124991 |
| 890-9135-42 | BH - 5 (11') | Total/NA | Solid | 8015B NM | 124991 |
| 890-9135-43 | BH - 5 (12') | Total/NA | Solid | 8015B NM | 124991 |
| MB 880-124991/1-A | Method Blank | Total/NA | Solid | 8015B NM | 124991 |
| LCS 880-124991/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 124991 |
| LCSD 880-124991/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 124991 |
| 890-9135-24 MS | BH - 2 (9') | Total/NA | Solid | 8015B NM | 124991 |
| 890-9135-24 MSD | BH - 2 (9') | Total/NA | Solid | 8015B NM | 124991 |

### Analysis Batch: 125367

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-44 | BH - 5 (13') | Total/NA | Solid | 8015B NM | 124993 |
| 890-9135-45 | BH - 5 (14') | Total/NA | Solid | 8015B NM | 124993 |
| 890-9135-46 | BH - 5 (15') | Total/NA | Solid | 8015B NM | 124993 |
| 890-9135-47 | BH - 5 (20') | Total/NA | Solid | 8015B NM | 124993 |
| MB 880-124993/1-A | Method Blank | Total/NA | Solid | 8015B NM | 124993 |
| LCS 880-124993/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 124993 |
| LCSD 880-124993/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 124993 |

# QC Association Summary

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## GC Semi VOA (Continued)

### Analysis Batch: 125367 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-44 MS | BH - 5 (13') | Total/NA | Solid | 8015B NM | 124993 |
| 890-9135-44 MSD | BH - 5 (13') | Total/NA | Solid | 8015B NM | 124993 |

### Analysis Batch: 125427

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-1 | BH - 1 (0-1') | Total/NA | Solid | 8015 NM | |
| 890-9135-2 | BH - 1 (2') | Total/NA | Solid | 8015 NM | |
| 890-9135-3 | BH - 1 (3') | Total/NA | Solid | 8015 NM | |
| 890-9135-4 | BH - 1 (4') | Total/NA | Solid | 8015 NM | |
| 890-9135-5 | BH - 1 (5') | Total/NA | Solid | 8015 NM | |
| 890-9135-6 | BH - 1 (6') | Total/NA | Solid | 8015 NM | |
| 890-9135-7 | BH - 1 (7') | Total/NA | Solid | 8015 NM | |
| 890-9135-8 | BH - 1 (8') | Total/NA | Solid | 8015 NM | |
| 890-9135-9 | BH - 1 (9') | Total/NA | Solid | 8015 NM | |
| 890-9135-10 | BH - 1 (10') | Total/NA | Solid | 8015 NM | |
| 890-9135-11 | BH - 1 (11') | Total/NA | Solid | 8015 NM | |
| 890-9135-12 | BH - 1 (12') | Total/NA | Solid | 8015 NM | |
| 890-9135-13 | BH - 1 (13') | Total/NA | Solid | 8015 NM | |
| 890-9135-14 | BH - 1 (14') | Total/NA | Solid | 8015 NM | |
| 890-9135-15 | BH - 1 (15') | Total/NA | Solid | 8015 NM | |
| 890-9135-16 | BH - 2 (0-1') | Total/NA | Solid | 8015 NM | |
| 890-9135-17 | BH - 2 (2') | Total/NA | Solid | 8015 NM | |
| 890-9135-18 | BH - 2 (3') | Total/NA | Solid | 8015 NM | |
| 890-9135-19 | BH - 2 (4') | Total/NA | Solid | 8015 NM | |
| 890-9135-20 | BH - 2 (5') | Total/NA | Solid | 8015 NM | |
| 890-9135-21 | BH - 2 (6') | Total/NA | Solid | 8015 NM | |
| 890-9135-22 | BH - 2 (7') | Total/NA | Solid | 8015 NM | |
| 890-9135-23 | BH - 2 (8') | Total/NA | Solid | 8015 NM | |
| 890-9135-24 | BH - 2 (9') | Total/NA | Solid | 8015 NM | |
| 890-9135-25 | BH - 2 (10') | Total/NA | Solid | 8015 NM | |
| 890-9135-26 | BH - 2 (11') | Total/NA | Solid | 8015 NM | |
| 890-9135-27 | BH - 2 (12') | Total/NA | Solid | 8015 NM | |
| 890-9135-28 | BH - 2 (13') | Total/NA | Solid | 8015 NM | |
| 890-9135-29 | BH - 2 (14') | Total/NA | Solid | 8015 NM | |
| 890-9135-30 | BH - 2 (15') | Total/NA | Solid | 8015 NM | |
| 890-9135-31 | BH - 2 (20') | Total/NA | Solid | 8015 NM | |
| 890-9135-32 | BH - 5 (0') | Total/NA | Solid | 8015 NM | |
| 890-9135-33 | BH - 5 (2') | Total/NA | Solid | 8015 NM | |
| 890-9135-34 | BH - 5 (3') | Total/NA | Solid | 8015 NM | |
| 890-9135-35 | BH - 5 (4') | Total/NA | Solid | 8015 NM | |
| 890-9135-36 | BH - 5 (5') | Total/NA | Solid | 8015 NM | |
| 890-9135-37 | BH - 5 (6') | Total/NA | Solid | 8015 NM | |
| 890-9135-38 | BH - 5 (7') | Total/NA | Solid | 8015 NM | |
| 890-9135-39 | BH - 5 (8') | Total/NA | Solid | 8015 NM | |
| 890-9135-40 | BH - 5 (9') | Total/NA | Solid | 8015 NM | |
| 890-9135-41 | BH - 5 (10') | Total/NA | Solid | 8015 NM | |
| 890-9135-42 | BH - 5 (11') | Total/NA | Solid | 8015 NM | |
| 890-9135-43 | BH - 5 (12') | Total/NA | Solid | 8015 NM | |
| 890-9135-44 | BH - 5 (13') | Total/NA | Solid | 8015 NM | |
| 890-9135-45 | BH - 5 (14') | Total/NA | Solid | 8015 NM | |
| 890-9135-46 | BH - 5 (15') | Total/NA | Solid | 8015 NM | |

# QC Association Summary

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## GC Semi VOA (Continued)

### Analysis Batch: 125427 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-47 | BH - 5 (20') | Total/NA | Solid | 8015 NM | |

## HPLC/IC

### Leach Batch: 125076

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-1 | BH - 1 (0-1') | Soluble | Solid | DI Leach | |
| 890-9135-2 | BH - 1 (2') | Soluble | Solid | DI Leach | |
| 890-9135-3 | BH - 1 (3') | Soluble | Solid | DI Leach | |
| 890-9135-4 | BH - 1 (4') | Soluble | Solid | DI Leach | |
| 890-9135-5 | BH - 1 (5') | Soluble | Solid | DI Leach | |
| 890-9135-6 | BH - 1 (6') | Soluble | Solid | DI Leach | |
| 890-9135-7 | BH - 1 (7') | Soluble | Solid | DI Leach | |
| 890-9135-8 | BH - 1 (8') | Soluble | Solid | DI Leach | |
| 890-9135-9 | BH - 1 (9') | Soluble | Solid | DI Leach | |
| 890-9135-10 | BH - 1 (10') | Soluble | Solid | DI Leach | |
| 890-9135-11 | BH - 1 (11') | Soluble | Solid | DI Leach | |
| 890-9135-12 | BH - 1 (12') | Soluble | Solid | DI Leach | |
| 890-9135-13 | BH - 1 (13') | Soluble | Solid | DI Leach | |
| 890-9135-14 | BH - 1 (14') | Soluble | Solid | DI Leach | |
| MB 880-125076/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-125076/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-125076/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 890-9135-5 MS | BH - 1 (5') | Soluble | Solid | DI Leach | |
| 890-9135-5 MSD | BH - 1 (5') | Soluble | Solid | DI Leach | |

### Leach Batch: 125077

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-15 | BH - 1 (15') | Soluble | Solid | DI Leach | |
| 890-9135-16 | BH - 2 (0-1') | Soluble | Solid | DI Leach | |
| 890-9135-17 | BH - 2 (2') | Soluble | Solid | DI Leach | |
| 890-9135-18 | BH - 2 (3') | Soluble | Solid | DI Leach | |
| 890-9135-19 | BH - 2 (4') | Soluble | Solid | DI Leach | |
| 890-9135-20 | BH - 2 (5') | Soluble | Solid | DI Leach | |
| 890-9135-21 | BH - 2 (6') | Soluble | Solid | DI Leach | |
| 890-9135-22 | BH - 2 (7') | Soluble | Solid | DI Leach | |
| 890-9135-23 | BH - 2 (8') | Soluble | Solid | DI Leach | |
| 890-9135-24 | BH - 2 (9') | Soluble | Solid | DI Leach | |
| 890-9135-25 | BH - 2 (10') | Soluble | Solid | DI Leach | |
| 890-9135-26 | BH - 2 (11') | Soluble | Solid | DI Leach | |
| 890-9135-27 | BH - 2 (12') | Soluble | Solid | DI Leach | |
| 890-9135-28 | BH - 2 (13') | Soluble | Solid | DI Leach | |
| 890-9135-29 | BH - 2 (14') | Soluble | Solid | DI Leach | |
| 890-9135-30 | BH - 2 (15') | Soluble | Solid | DI Leach | |
| 890-9135-31 | BH - 2 (20') | Soluble | Solid | DI Leach | |
| 890-9135-32 | BH - 5 (0') | Soluble | Solid | DI Leach | |
| 890-9135-33 | BH - 5 (2') | Soluble | Solid | DI Leach | |
| 890-9135-34 | BH - 5 (3') | Soluble | Solid | DI Leach | |
| MB 880-125077/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-125077/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-125077/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## HPLC/IC (Continued)

### Leach Batch: 125077 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-15 MS | BH - 1 (15') | Soluble | Solid | DI Leach | |
| 890-9135-15 MSD | BH - 1 (15') | Soluble | Solid | DI Leach | |
| 890-9135-25 MS | BH - 2 (10') | Soluble | Solid | DI Leach | |
| 890-9135-25 MSD | BH - 2 (10') | Soluble | Solid | DI Leach | |

### Leach Batch: 125079

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-35 | BH - 5 (4') | Soluble | Solid | DI Leach | |
| 890-9135-36 | BH - 5 (5') | Soluble | Solid | DI Leach | |
| 890-9135-37 | BH - 5 (6') | Soluble | Solid | DI Leach | |
| 890-9135-38 | BH - 5 (7') | Soluble | Solid | DI Leach | |
| 890-9135-39 | BH - 5 (8') | Soluble | Solid | DI Leach | |
| 890-9135-40 | BH - 5 (9') | Soluble | Solid | DI Leach | |
| 890-9135-41 | BH - 5 (10') | Soluble | Solid | DI Leach | |
| 890-9135-42 | BH - 5 (11') | Soluble | Solid | DI Leach | |
| 890-9135-43 | BH - 5 (12') | Soluble | Solid | DI Leach | |
| 890-9135-44 | BH - 5 (13') | Soluble | Solid | DI Leach | |
| 890-9135-45 | BH - 5 (14') | Soluble | Solid | DI Leach | |
| 890-9135-46 | BH - 5 (15') | Soluble | Solid | DI Leach | |
| 890-9135-47 | BH - 5 (20') | Soluble | Solid | DI Leach | |
| MB 880-125079/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-125079/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-125079/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 890-9135-35 MS | BH - 5 (4') | Soluble | Solid | DI Leach | |
| 890-9135-35 MSD | BH - 5 (4') | Soluble | Solid | DI Leach | |
| 890-9135-45 MS | BH - 5 (14') | Soluble | Solid | DI Leach | |
| 890-9135-45 MSD | BH - 5 (14') | Soluble | Solid | DI Leach | |

### Analysis Batch: 125140

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-1 | BH - 1 (0-1') | Soluble | Solid | 300.0 | 125076 |
| 890-9135-2 | BH - 1 (2') | Soluble | Solid | 300.0 | 125076 |
| 890-9135-3 | BH - 1 (3') | Soluble | Solid | 300.0 | 125076 |
| 890-9135-4 | BH - 1 (4') | Soluble | Solid | 300.0 | 125076 |
| 890-9135-5 | BH - 1 (5') | Soluble | Solid | 300.0 | 125076 |
| 890-9135-6 | BH - 1 (6') | Soluble | Solid | 300.0 | 125076 |
| 890-9135-7 | BH - 1 (7') | Soluble | Solid | 300.0 | 125076 |
| 890-9135-8 | BH - 1 (8') | Soluble | Solid | 300.0 | 125076 |
| 890-9135-9 | BH - 1 (9') | Soluble | Solid | 300.0 | 125076 |
| 890-9135-10 | BH - 1 (10') | Soluble | Solid | 300.0 | 125076 |
| 890-9135-11 | BH - 1 (11') | Soluble | Solid | 300.0 | 125076 |
| 890-9135-12 | BH - 1 (12') | Soluble | Solid | 300.0 | 125076 |
| 890-9135-13 | BH - 1 (13') | Soluble | Solid | 300.0 | 125076 |
| 890-9135-14 | BH - 1 (14') | Soluble | Solid | 300.0 | 125076 |
| MB 880-125076/1-A | Method Blank | Soluble | Solid | 300.0 | 125076 |
| LCS 880-125076/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 125076 |
| LCSD 880-125076/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 125076 |
| 890-9135-5 MS | BH - 1 (5') | Soluble | Solid | 300.0 | 125076 |
| 890-9135-5 MSD | BH - 1 (5') | Soluble | Solid | 300.0 | 125076 |

# QC Association Summary

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## HPLC/IC

### Analysis Batch: 125158

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-35 | BH - 5 (4') | Soluble | Solid | 300.0 | 125079 |
| 890-9135-36 | BH - 5 (5') | Soluble | Solid | 300.0 | 125079 |
| 890-9135-37 | BH - 5 (6') | Soluble | Solid | 300.0 | 125079 |
| 890-9135-38 | BH - 5 (7') | Soluble | Solid | 300.0 | 125079 |
| 890-9135-39 | BH - 5 (8') | Soluble | Solid | 300.0 | 125079 |
| 890-9135-40 | BH - 5 (9') | Soluble | Solid | 300.0 | 125079 |
| 890-9135-41 | BH - 5 (10') | Soluble | Solid | 300.0 | 125079 |
| 890-9135-42 | BH - 5 (11') | Soluble | Solid | 300.0 | 125079 |
| 890-9135-43 | BH - 5 (12') | Soluble | Solid | 300.0 | 125079 |
| 890-9135-44 | BH - 5 (13') | Soluble | Solid | 300.0 | 125079 |
| 890-9135-45 | BH - 5 (14') | Soluble | Solid | 300.0 | 125079 |
| 890-9135-46 | BH - 5 (15') | Soluble | Solid | 300.0 | 125079 |
| 890-9135-47 | BH - 5 (20') | Soluble | Solid | 300.0 | 125079 |
| MB 880-125079/1-A | Method Blank | Soluble | Solid | 300.0 | 125079 |
| LCS 880-125079/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 125079 |
| LCSD 880-125079/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 125079 |
| 890-9135-35 MS | BH - 5 (4') | Soluble | Solid | 300.0 | 125079 |
| 890-9135-35 MSD | BH - 5 (4') | Soluble | Solid | 300.0 | 125079 |
| 890-9135-45 MS | BH - 5 (14') | Soluble | Solid | 300.0 | 125079 |
| 890-9135-45 MSD | BH - 5 (14') | Soluble | Solid | 300.0 | 125079 |

### Analysis Batch: 125160

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9135-15 | BH - 1 (15') | Soluble | Solid | 300.0 | 125077 |
| 890-9135-16 | BH - 2 (0-1') | Soluble | Solid | 300.0 | 125077 |
| 890-9135-17 | BH - 2 (2') | Soluble | Solid | 300.0 | 125077 |
| 890-9135-18 | BH - 2 (3') | Soluble | Solid | 300.0 | 125077 |
| 890-9135-19 | BH - 2 (4') | Soluble | Solid | 300.0 | 125077 |
| 890-9135-20 | BH - 2 (5') | Soluble | Solid | 300.0 | 125077 |
| 890-9135-21 | BH - 2 (6') | Soluble | Solid | 300.0 | 125077 |
| 890-9135-22 | BH - 2 (7') | Soluble | Solid | 300.0 | 125077 |
| 890-9135-23 | BH - 2 (8') | Soluble | Solid | 300.0 | 125077 |
| 890-9135-24 | BH - 2 (9') | Soluble | Solid | 300.0 | 125077 |
| 890-9135-25 | BH - 2 (10') | Soluble | Solid | 300.0 | 125077 |
| 890-9135-26 | BH - 2 (11') | Soluble | Solid | 300.0 | 125077 |
| 890-9135-27 | BH - 2 (12') | Soluble | Solid | 300.0 | 125077 |
| 890-9135-28 | BH - 2 (13') | Soluble | Solid | 300.0 | 125077 |
| 890-9135-29 | BH - 2 (14') | Soluble | Solid | 300.0 | 125077 |
| 890-9135-30 | BH - 2 (15') | Soluble | Solid | 300.0 | 125077 |
| 890-9135-31 | BH - 2 (20') | Soluble | Solid | 300.0 | 125077 |
| 890-9135-32 | BH - 5 (0') | Soluble | Solid | 300.0 | 125077 |
| 890-9135-33 | BH - 5 (2') | Soluble | Solid | 300.0 | 125077 |
| 890-9135-34 | BH - 5 (3') | Soluble | Solid | 300.0 | 125077 |
| MB 880-125077/1-A | Method Blank | Soluble | Solid | 300.0 | 125077 |
| LCS 880-125077/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 125077 |
| LCSD 880-125077/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 125077 |
| 890-9135-15 MS | BH - 1 (15') | Soluble | Solid | 300.0 | 125077 |
| 890-9135-15 MSD | BH - 1 (15') | Soluble | Solid | 300.0 | 125077 |
| 890-9135-25 MS | BH - 2 (10') | Soluble | Solid | 300.0 | 125077 |
| 890-9135-25 MSD | BH - 2 (10') | Soluble | Solid | 300.0 | 125077 |

# Lab Chronicle

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

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

**Lab Sample ID: 890-9135-1**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124992 | 11/25/25 08:03 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/28/25 22:31 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/28/25 22:31 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/02/25 06:33 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 124987 | 11/25/25 07:46 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125269 | 12/02/25 06:33 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 125076 | 11/25/25 15:12 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 125140 | 11/26/25 18:00 | CS | EET MID |

## Client Sample ID: BH - 1 (2')

**Lab Sample ID: 890-9135-2**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124992 | 11/25/25 08:03 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/28/25 22:52 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/28/25 22:52 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/02/25 06:47 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 124987 | 11/25/25 07:46 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125269 | 12/02/25 06:47 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 125076 | 11/25/25 15:12 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 125140 | 11/26/25 18:05 | CS | EET MID |

## Client Sample ID: BH - 1 (3')

**Lab Sample ID: 890-9135-3**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124992 | 11/25/25 08:03 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/28/25 23:12 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/28/25 23:12 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/02/25 07:01 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 124987 | 11/25/25 07:46 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125269 | 12/02/25 07:01 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 125076 | 11/25/25 15:12 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 125140 | 11/26/25 18:10 | CS | EET MID |

## Client Sample ID: BH - 1 (4')

**Lab Sample ID: 890-9135-4**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124992 | 11/25/25 08:03 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/28/25 23:33 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/28/25 23:33 | SA | EET MID |

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# Lab Chronicle

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 1 (4')

**Lab Sample ID: 890-9135-4**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | | | 125427 | 12/01/25 18:12 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 124990 | 11/25/25 07:56 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125281 | 12/01/25 18:12 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 125076 | 11/25/25 15:12 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 125140 | 11/26/25 18:16 | CS | EET MID |

## Client Sample ID: BH - 1 (5')

**Lab Sample ID: 890-9135-5**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124992 | 11/25/25 08:03 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/28/25 23:53 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/28/25 23:53 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 18:57 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10.00 mL | 124990 | 11/25/25 07:56 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125281 | 12/01/25 18:57 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 125076 | 11/25/25 15:12 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 125140 | 11/26/25 18:21 | CS | EET MID |

## Client Sample ID: BH - 1 (6')

**Lab Sample ID: 890-9135-6**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124992 | 11/25/25 08:03 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 00:13 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 00:13 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 19:12 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 124990 | 11/25/25 07:56 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125281 | 12/01/25 19:12 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 125076 | 11/25/25 15:12 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 125140 | 11/26/25 18:37 | CS | EET MID |

## Client Sample ID: BH - 1 (7')

**Lab Sample ID: 890-9135-7**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124992 | 11/25/25 08:03 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 00:34 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 00:34 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 19:27 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 124990 | 11/25/25 07:56 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125281 | 12/01/25 19:27 | SA | EET MID |

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# Lab Chronicle

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 1 (7')

**Lab Sample ID: 890-9135-7**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 125076 | 11/25/25 15:12 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 125140 | 11/26/25 18:42 | CS | EET MID |

## Client Sample ID: BH - 1 (8')

**Lab Sample ID: 890-9135-8**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124992 | 11/25/25 08:03 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 00:54 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 00:54 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 19:42 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 124990 | 11/25/25 07:56 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125281 | 12/01/25 19:42 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 125076 | 11/25/25 15:12 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 125140 | 11/26/25 18:58 | CS | EET MID |

## Client Sample ID: BH - 1 (9')

**Lab Sample ID: 890-9135-9**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124992 | 11/25/25 08:03 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 01:15 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 01:15 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 19:57 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 124990 | 11/25/25 07:56 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125281 | 12/01/25 19:57 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 125076 | 11/25/25 15:12 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 125140 | 11/26/25 19:03 | CS | EET MID |

## Client Sample ID: BH - 1 (10')

**Lab Sample ID: 890-9135-10**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124992 | 11/25/25 08:03 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 01:35 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 01:35 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 20:12 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 124990 | 11/25/25 07:56 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125281 | 12/01/25 20:12 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 125076 | 11/25/25 15:12 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 125140 | 11/26/25 19:08 | CS | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 1 (11')

**Lab Sample ID: 890-9135-11**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124992 | 11/25/25 08:03 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 03:25 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 03:25 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 20:28 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 124990 | 11/25/25 07:56 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125281 | 12/01/25 20:28 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 125076 | 11/25/25 15:12 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125140 | 11/26/25 19:13 | CS | EET MID |

## Client Sample ID: BH - 1 (12')

**Lab Sample ID: 890-9135-12**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124992 | 11/25/25 08:03 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 03:46 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 03:46 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 20:42 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 124990 | 11/25/25 07:56 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125281 | 12/01/25 20:42 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 125076 | 11/25/25 15:12 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125140 | 11/26/25 19:19 | CS | EET MID |

## Client Sample ID: BH - 1 (13')

**Lab Sample ID: 890-9135-13**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124992 | 11/25/25 08:03 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 04:06 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 04:06 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 20:57 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 124990 | 11/25/25 07:56 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125281 | 12/01/25 20:57 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 125076 | 11/25/25 15:12 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125140 | 11/26/25 19:24 | CS | EET MID |

## Client Sample ID: BH - 1 (14')

**Lab Sample ID: 890-9135-14**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124992 | 11/25/25 08:03 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 04:27 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 04:27 | SA | EET MID |

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# Lab Chronicle

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 1 (14')

**Lab Sample ID: 890-9135-14**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | | | 125427 | 12/01/25 21:28 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 124990 | 11/25/25 07:56 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125281 | 12/01/25 21:28 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 125076 | 11/25/25 15:12 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125140 | 11/26/25 19:29 | CS | EET MID |

## Client Sample ID: BH - 1 (15')

**Lab Sample ID: 890-9135-15**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124992 | 11/25/25 08:03 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 04:47 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 04:47 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 21:43 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 124990 | 11/25/25 07:56 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125281 | 12/01/25 21:43 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 125077 | 11/25/25 15:15 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125160 | 11/26/25 17:33 | CS | EET MID |

## Client Sample ID: BH - 2 (0-1')

**Lab Sample ID: 890-9135-16**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124992 | 11/25/25 08:03 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 05:08 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 05:08 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 21:58 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 124990 | 11/25/25 07:56 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125281 | 12/01/25 21:58 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 125077 | 11/25/25 15:15 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 125160 | 11/26/25 17:51 | CS | EET MID |

## Client Sample ID: BH - 2 (2')

**Lab Sample ID: 890-9135-17**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124992 | 11/25/25 08:03 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 05:28 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 05:28 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 22:14 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 124990 | 11/25/25 07:56 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125281 | 12/01/25 22:14 | SA | EET MID |

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# Lab Chronicle

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 2 (2')

**Lab Sample ID: 890-9135-17**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 125077 | 11/25/25 15:15 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 10 | | | 125160 | 11/26/25 17:57 | CS | EET MID |

## Client Sample ID: BH - 2 (3')

**Lab Sample ID: 890-9135-18**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124992 | 11/25/25 08:03 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 05:49 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 05:49 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 22:29 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 124990 | 11/25/25 07:56 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125281 | 12/01/25 22:29 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 125077 | 11/25/25 15:15 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 10 | | | 125160 | 11/26/25 18:03 | CS | EET MID |

## Client Sample ID: BH - 2 (4')

**Lab Sample ID: 890-9135-19**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124992 | 11/25/25 08:03 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 06:09 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 06:09 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 22:44 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 124990 | 11/25/25 07:56 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125281 | 12/01/25 22:44 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 125077 | 11/25/25 15:15 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 125160 | 11/26/25 18:09 | CS | EET MID |

## Client Sample ID: BH - 2 (5')

**Lab Sample ID: 890-9135-20**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124992 | 11/25/25 08:03 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 06:30 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 06:30 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 22:59 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 124990 | 11/25/25 07:56 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125281 | 12/01/25 22:59 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 125077 | 11/25/25 15:15 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 125160 | 11/26/25 18:26 | CS | EET MID |

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# Lab Chronicle

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 2 (6')

**Lab Sample ID: 890-9135-21**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124995 | 11/25/25 08:10 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 10:08 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 10:08 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 23:14 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 124990 | 11/25/25 07:56 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125281 | 12/01/25 23:14 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 125077 | 11/25/25 15:15 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 125160 | 11/26/25 18:32 | CS | EET MID |

## Client Sample ID: BH - 2 (7')

**Lab Sample ID: 890-9135-22**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124995 | 11/25/25 08:10 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 10:28 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 10:28 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 23:29 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 124990 | 11/25/25 07:56 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125281 | 12/01/25 23:29 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 125077 | 11/25/25 15:15 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 125160 | 11/26/25 18:38 | CS | EET MID |

## Client Sample ID: BH - 2 (8')

**Lab Sample ID: 890-9135-23**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124995 | 11/25/25 08:10 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 10:49 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 10:49 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 23:44 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 124990 | 11/25/25 07:56 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125281 | 12/01/25 23:44 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 125077 | 11/25/25 15:15 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 125160 | 11/26/25 18:44 | CS | EET MID |

## Client Sample ID: BH - 2 (9')

**Lab Sample ID: 890-9135-24**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124995 | 11/25/25 08:10 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 11:09 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 11:09 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 2 (9')

**Lab Sample ID: 890-9135-24**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | | | 125427 | 12/01/25 18:12 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 124991 | 11/25/25 07:59 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125284 | 12/01/25 18:12 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 125077 | 11/25/25 15:15 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 125160 | 11/26/25 18:50 | CS | EET MID |

## Client Sample ID: BH - 2 (10')

**Lab Sample ID: 890-9135-25**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124995 | 11/25/25 08:10 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 11:30 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 11:30 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 18:57 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10.00 mL | 124991 | 11/25/25 07:59 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125284 | 12/01/25 18:57 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 125077 | 11/25/25 15:15 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 125160 | 11/26/25 18:56 | CS | EET MID |

## Client Sample ID: BH - 2 (11')

**Lab Sample ID: 890-9135-26**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124995 | 11/25/25 08:10 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 11:50 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 11:50 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 19:12 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 124991 | 11/25/25 07:59 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125284 | 12/01/25 19:12 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 125077 | 11/25/25 15:15 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125160 | 11/26/25 19:14 | CS | EET MID |

## Client Sample ID: BH - 2 (12')

**Lab Sample ID: 890-9135-27**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124995 | 11/25/25 08:10 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 12:10 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 12:10 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 19:27 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 124991 | 11/25/25 07:59 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125284 | 12/01/25 19:27 | SA | EET MID |

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# Lab Chronicle

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 2 (12')

**Lab Sample ID: 890-9135-27**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 125077 | 11/25/25 15:15 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125160 | 11/26/25 19:19 | CS | EET MID |

## Client Sample ID: BH - 2 (13')

**Lab Sample ID: 890-9135-28**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124995 | 11/25/25 08:10 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 12:31 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 12:31 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 19:42 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 124991 | 11/25/25 07:59 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125284 | 12/01/25 19:42 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 125077 | 11/25/25 15:15 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125160 | 11/26/25 19:37 | CS | EET MID |

## Client Sample ID: BH - 2 (14')

**Lab Sample ID: 890-9135-29**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124995 | 11/25/25 08:10 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 12:51 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 12:51 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 19:57 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10.00 mL | 124991 | 11/25/25 07:59 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125284 | 12/01/25 19:57 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 125077 | 11/25/25 15:15 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125160 | 11/26/25 19:43 | CS | EET MID |

## Client Sample ID: BH - 2 (15')

**Lab Sample ID: 890-9135-30**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124995 | 11/25/25 08:10 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 13:12 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 13:12 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 20:12 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 124991 | 11/25/25 07:59 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125284 | 12/01/25 20:12 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 125077 | 11/25/25 15:15 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125160 | 11/26/25 19:49 | CS | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 2 (20')

**Lab Sample ID: 890-9135-31**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124995 | 11/25/25 08:10 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 15:02 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 15:02 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 20:28 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 124991 | 11/25/25 07:59 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125284 | 12/01/25 20:28 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 125077 | 11/25/25 15:15 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125160 | 11/26/25 19:55 | CS | EET MID |

## Client Sample ID: BH - 5 (0')

**Lab Sample ID: 890-9135-32**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124995 | 11/25/25 08:10 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 15:22 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 15:22 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 20:42 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 124991 | 11/25/25 07:59 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125284 | 12/01/25 20:42 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 125077 | 11/25/25 15:15 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125160 | 11/26/25 20:01 | CS | EET MID |

## Client Sample ID: BH - 5 (2')

**Lab Sample ID: 890-9135-33**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124995 | 11/25/25 08:10 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 15:43 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 15:43 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 20:57 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 124991 | 11/25/25 07:59 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125284 | 12/01/25 20:57 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 125077 | 11/25/25 15:15 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125160 | 11/26/25 20:07 | CS | EET MID |

## Client Sample ID: BH - 5 (3')

**Lab Sample ID: 890-9135-34**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124995 | 11/25/25 08:10 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 16:03 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 16:03 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 5 (3')

**Lab Sample ID: 890-9135-34**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | | | 125427 | 12/01/25 21:28 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 124991 | 11/25/25 07:59 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125284 | 12/01/25 21:28 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 125077 | 11/25/25 15:15 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125160 | 11/26/25 20:12 | CS | EET MID |

## Client Sample ID: BH - 5 (4')

**Lab Sample ID: 890-9135-35**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124995 | 11/25/25 08:10 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 16:24 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 16:24 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 21:43 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 124991 | 11/25/25 07:59 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125284 | 12/01/25 21:43 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 125079 | 11/25/25 15:18 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125158 | 11/26/25 18:13 | CS | EET MID |

## Client Sample ID: BH - 5 (5')

**Lab Sample ID: 890-9135-36**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124995 | 11/25/25 08:10 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 16:44 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 16:44 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 21:58 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10.00 mL | 124991 | 11/25/25 07:59 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125284 | 12/01/25 21:58 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 125079 | 11/25/25 15:18 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125158 | 11/26/25 18:29 | CS | EET MID |

## Client Sample ID: BH - 5 (6')

**Lab Sample ID: 890-9135-37**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124995 | 11/25/25 08:10 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 17:05 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 17:05 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 22:14 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 124991 | 11/25/25 07:59 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125284 | 12/01/25 22:14 | SA | EET MID |

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# Lab Chronicle

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 5 (6')

**Lab Sample ID: 890-9135-37**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 125079 | 11/25/25 15:18 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125158 | 11/26/25 18:34 | CS | EET MID |

## Client Sample ID: BH - 5 (7')

**Lab Sample ID: 890-9135-38**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124995 | 11/25/25 08:10 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 17:25 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 17:25 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 22:29 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 124991 | 11/25/25 07:59 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125284 | 12/01/25 22:29 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 125079 | 11/25/25 15:18 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125158 | 11/26/25 18:39 | CS | EET MID |

## Client Sample ID: BH - 5 (8')

**Lab Sample ID: 890-9135-39**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124995 | 11/25/25 08:10 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 17:45 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 17:45 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 22:44 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 124991 | 11/25/25 07:59 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125284 | 12/01/25 22:44 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 125079 | 11/25/25 15:18 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125158 | 11/26/25 18:44 | CS | EET MID |

## Client Sample ID: BH - 5 (9')

**Lab Sample ID: 890-9135-40**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 124995 | 11/25/25 08:10 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125203 | 11/29/25 18:06 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 11/29/25 18:06 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 22:59 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 124991 | 11/25/25 07:59 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125284 | 12/01/25 22:59 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 125079 | 11/25/25 15:18 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125158 | 11/26/25 19:00 | CS | EET MID |

Eurofins Carlsbad



Released to Imaging: 4/30/2026 3:42:59 PM

# Lab Chronicle

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 5 (10')

**Lab Sample ID: 890-9135-41**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 125169 | 11/26/25 13:44 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125311 | 12/02/25 13:15 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 12/02/25 13:15 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 23:14 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 124991 | 11/25/25 07:59 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125284 | 12/01/25 23:14 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 125079 | 11/25/25 15:18 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125158 | 11/26/25 19:05 | CS | EET MID |

## Client Sample ID: BH - 5 (11')

**Lab Sample ID: 890-9135-42**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 125169 | 11/26/25 13:44 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125311 | 12/02/25 13:35 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 12/02/25 13:35 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 23:29 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 124991 | 11/25/25 07:59 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125284 | 12/01/25 23:29 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 125079 | 11/25/25 15:18 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125158 | 11/26/25 19:11 | CS | EET MID |

## Client Sample ID: BH - 5 (12')

**Lab Sample ID: 890-9135-43**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 125169 | 11/26/25 13:44 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125311 | 12/02/25 13:56 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 12/02/25 13:56 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/01/25 23:44 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 124991 | 11/25/25 07:59 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125284 | 12/01/25 23:44 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 125079 | 11/25/25 15:18 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 125158 | 11/26/25 19:16 | CS | EET MID |

## Client Sample ID: BH - 5 (13')

**Lab Sample ID: 890-9135-44**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 125169 | 11/26/25 13:44 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125311 | 12/02/25 14:16 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 12/02/25 14:16 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

## Client Sample ID: BH - 5 (13')

**Lab Sample ID: 890-9135-44**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | | | 125427 | 12/02/25 10:31 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 124993 | 11/25/25 08:04 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125367 | 12/02/25 10:31 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 125079 | 11/25/25 15:18 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125158 | 11/26/25 19:21 | CS | EET MID |

## Client Sample ID: BH - 5 (14')

**Lab Sample ID: 890-9135-45**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 125169 | 11/26/25 13:44 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125311 | 12/02/25 14:37 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 12/02/25 14:37 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/02/25 11:13 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 124993 | 11/25/25 08:04 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125367 | 12/02/25 11:13 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 125079 | 11/25/25 15:18 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125158 | 11/26/25 19:26 | CS | EET MID |

## Client Sample ID: BH - 5 (15')

**Lab Sample ID: 890-9135-46**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 125169 | 11/26/25 13:44 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125311 | 12/02/25 14:57 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 12/02/25 14:57 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/02/25 11:28 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10.00 mL | 124993 | 11/25/25 08:04 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125367 | 12/02/25 11:28 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 125079 | 11/25/25 15:18 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125158 | 11/26/25 19:42 | CS | EET MID |

## Client Sample ID: BH - 5 (20')

**Lab Sample ID: 890-9135-47**
**Matrix: Solid**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

| 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 | 125507 | 12/03/25 08:27 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 125342 | 12/03/25 16:50 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 125299 | 12/03/25 16:50 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 125427 | 12/02/25 11:41 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 124993 | 11/25/25 08:04 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 125367 | 12/02/25 11:41 | FC | EET MID |

Eurofins Carlsbad

# Lab Chronicle

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

**Client Sample ID: BH - 5 (20')**
**Date Collected: 11/24/25 00:00**
**Date Received: 11/24/25 12:55**

**Lab Sample ID: 890-9135-47**
**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 | 125079 | 11/25/25 15:18 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 125158 | 11/26/25 19:47 | CS | EET MID |

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: Carmona Resources
Job ID: 890-9135-1
Project/Site: RISER 121 (06.29.2025)
SDG: 2783

## 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 |

# Method Summary

Client: Carmona Resources
Project/Site: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

| 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: RISER 121 (06.29.2025)

Job ID: 890-9135-1
SDG: 2783

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 890-9135-1 | BH - 1 (0-1') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-2 | BH - 1 (2') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-3 | BH - 1 (3') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-4 | BH - 1 (4') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-5 | BH - 1 (5') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-6 | BH - 1 (6') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-7 | BH - 1 (7') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-8 | BH - 1 (8') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-9 | BH - 1 (9') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-10 | BH - 1 (10') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-11 | BH - 1 (11') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-12 | BH - 1 (12') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-13 | BH - 1 (13') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-14 | BH - 1 (14') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-15 | BH - 1 (15') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-16 | BH - 2 (0-1') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-17 | BH - 2 (2') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-18 | BH - 2 (3') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-19 | BH - 2 (4') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-20 | BH - 2 (5') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-21 | BH - 2 (6') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-22 | BH - 2 (7') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-23 | BH - 2 (8') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-24 | BH - 2 (9') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-25 | BH - 2 (10') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-26 | BH - 2 (11') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-27 | BH - 2 (12') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-28 | BH - 2 (13') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-29 | BH - 2 (14') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-30 | BH - 2 (15') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-31 | BH - 2 (20') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-32 | BH - 5 (0') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-33 | BH - 5 (2') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-34 | BH - 5 (3') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-35 | BH - 5 (4') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-36 | BH - 5 (5') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-37 | BH - 5 (6') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-38 | BH - 5 (7') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-39 | BH - 5 (8') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-40 | BH - 5 (9') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-41 | BH - 5 (10') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-42 | BH - 5 (11') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-43 | BH - 5 (12') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-44 | BH - 5 (13') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-45 | BH - 5 (14') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-46 | BH - 5 (15') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |
| 890-9135-47 | BH - 5 (20') | Solid | 11/24/25 00:00 | 11/24/25 12:55 | New Mexico |

Released to Imaging: 4/30/2026 3:42:59 PM
Received by OCD: 4/9/2026 10:32:47 AM

# Chain of Custody

**Work Order No:** _____



| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | |
| Project Number: | 2783 | ☑ Routine ☐ Rush | |
| Project Location | Lea County, New Mexico | Due Date: | Normal |
| Sampler's Name: | KR | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes No | Wet Ice: | Yes No |
| Received Intact: | Yes No | Thermometer ID: | Thermo |
| Cooler Custody Seals: | Yes No N/A | Correction Factor: | -0.2 |
| Sample Custody Seals: | Yes No N/A | Temperature Reading: | -10.8 |
| Total Containers: | | Corrected Temperature: | -10.6 |

890-9135 Chain of Custody

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2S0_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BH-1 (0-1') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-1 (2') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-1 (3') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-1 (4') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-1 (5') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-1 (6') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-1 (7') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-1 (8') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-1 (9') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-1 (10') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |

**Comments:**

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| Kevin Le-19 | | [signature] | 11-24 1234 |
| | | | |
| | | | |

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Received by OCD: 4/9/2026 10:32:47 AM

# Chain of Custody

**Work Order No:** _____



| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | ☑ Routine ☐ Rush |
| Project Number: | 2783 | Due Date: | Normal |
| Project Location | Lea County, New Mexico | | |
| Sampler's Name: | KR | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes No | Wet Ice: | Yes No |
| Received Intact: | Yes No | Thermometer ID: | TN#667 |
| Cooler Custody Seals: | Yes No N/A | Correction Factor: | -0.2 |
| Sample Custody Seals: | Yes No N/A | Temperature Reading: | -10.8 |
| Total Containers: | | Corrected Temperature: | -10.6 |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2S0_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BH-1 (11') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-1 (12') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-1 (13') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-1 (14') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-1 (15') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-2 (0-1') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-2 (2') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-2 (3') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-2 (4') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-2 (5') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |

**Comments:**

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| Kevin Davis | | Burns | 11-24 1234 |
| | | | |
| | | | |

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# Chain of Custody

**Work Order No:** _____



| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | ☑ Routine ☐ Rush |
| Project Number: | 2783 | Due Date: | Normal |
| Project Location | Lea County, New Mexico | | |
| Sampler's Name: | KR | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes No | Wet Ice: | Yes No |
| Received Intact: | Yes No | Thermometer ID: | TN#1667 |
| Cooler Custody Seals: | Yes No N/A | Correction Factor: | -0.2 |
| Sample Custody Seals: | Yes No N/A | Temperature Reading: | -10.8 |
| Total Containers: | | Corrected Temperature: | -10.6 |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2SO_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BH-2 (6') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-2 (7') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-2 (8') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-2 (9') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-2 (10') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-2 (11') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-2 (12') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-2 (13') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-2 (14') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-2 (15') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |

**Comments:**

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | | | 11-24 1234 |

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Received by OCD: 4/9/2026 10:32:47 AM

# Chain of Custody

**Work Order No:** _____



| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | ☑ Routine ☐ Rush |
| Project Number: | 2783 | Due Date: | Normal |
| Project Location | Lea County, New Mexico | | |
| Sampler's Name: | KR | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes No | Wet Ice: | Yes No |
| Received Intact: | Yes No | Thermometer ID: | TM/NCC |
| Cooler Custody Seals: | Yes No N/A | Correction Factor: | -0.2 |
| Sample Custody Seals: | Yes No N/A | Temperature Reading: | -10.8 |
| Total Containers: | | Corrected Temperature: | -10.6 |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2S0_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | Parameters: BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BH-2 (20') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-5 (0-1') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-5 (2') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-5 (3') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-5 (4') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-5 (5') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-5 (6') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-5 (7') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-5 (8') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-5 (9') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |

**Comments:**

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | | | 11-24 12: |
| | | | |
| | | | |

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# Chain of Custody

**Work Order No:** _____



| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | ☑ Routine ☐ Rush |
| Project Number: | 2783 | Due Date: | Normal |
| Project Location | Lea County, New Mexico | | |
| Sampler's Name: | KR | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes No | Wet Ice: | Yes No |
| Received Intact: | Yes No | Thermometer ID: | TW1007 |
| Cooler Custody Seals: | Yes No N/A | Correction Factor: | -0.3 |
| Sample Custody Seals: | Yes No N/A | Temperature Reading: | -10.8 |
| Total Containers: | | Corrected Temperature: | -10.6 |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2S0_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BH-5 (10') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-5 (11') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-5 (12') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-5 (13') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-5 (14') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-5 (15') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |
| BH-5 (20') | 11/24/2025 | | X | | Grab | 1 | | X | X | X | | |

Parameters

**Comments:**

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | | | 11-24 12:34 |

# Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9135-1
SDG Number: 2783

**Login Number: 9135**
**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 | |

# Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9135-1
SDG Number: 2783

**Login Number: 9135**
**List Number: 2**
**Creator: Laing, Edmundo**

**List Source: Eurofins Midland**
**List Creation: 11/25/25 09:24 AM**

| 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 | |

eurofins | Environment Testing



# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 2/24/2026 3:30:44 PM

## JOB DESCRIPTION

Riser 121 (06.29.2025)
Lea County New Mexico

## JOB NUMBER

880-68637-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.



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my EOL

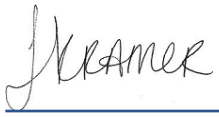
# Eurofins Midland

## 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
2/24/2026 3:30:44 PM

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

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Laboratory Job ID: 880-68637-1
SDG: Lea County New Mexico

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# Definitions/Glossary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Qualifiers

### GC VOA

| Qualifier | Qualifier Description |
|---|---|
| F1 | MS and/or MSD recovery exceeds control limits. |
| F2 | MS/MSD RPD exceeds control limits |
| U | Indicates the analyte was analyzed for but not detected. |

### GC Semi VOA

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

### HPLC/IC

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

## Glossary

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

# Case Narrative

Client: Carmona Resources
Project: Riser 121 (06.29.2025)

Job ID: 880-68637-1

## Job ID: 880-68637-1 Eurofins Midland

**Job Narrative**
**880-68637-1**

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 2/20/2026 11:54 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 7.0°C.

**GC VOA**
Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-132672 and analytical batch 880-132652 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: Spike compounds were inadvertently omitted during the extraction process for the matrix spike duplicate (MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-132672 and analytical batch 880-132652. The associated laboratory control sample (LCS) met acceptance criteria.

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

**Diesel Range Organics**
Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (880-68633-A-1-B MS) and (880-68633-A-1-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-132595 and analytical batch 880-132645 was outside the upper control limits.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-132618/2-A) and (LCSD 880-132618/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-68635-A-12-C MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS-2 (15') (880-68637-2), CS-5 (15') (880-68637-5), CS-7 (15') (880-68637-7) and CS-9 (15') (880-68637-9). Evidence of matrix interferences is not obvious.

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

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

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-1 (15')

**Lab Sample ID: 880-68637-1**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/21/26 08:37 | 02/21/26 22:57 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 22:57 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 22:57 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 22:57 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 22:57 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 22:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *117* | | *70 - 130* | *02/21/26 08:37* | *02/21/26 22:57* | *1* |
| *1,4-Difluorobenzene (Surr)* | *92* | | *70 - 130* | *02/21/26 08:37* | *02/21/26 22:57* | *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 | | | 02/21/26 22:57 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 02/23/26 21:16 | 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 | <49.8 | U | 49.8 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 21:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 21:16 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 21:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *118* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 21:16* | *1* |
| *o-Terphenyl (Surr)* | *120* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 21:16* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **70.1** | | 10.1 | | mg/Kg | | | 02/23/26 17:14 | 1 |

## Client Sample ID: CS-2 (15')

**Lab Sample ID: 880-68637-2**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/21/26 08:37 | 02/21/26 23:17 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 23:17 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 23:17 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 23:17 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 23:17 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 23:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *113* | | *70 - 130* | *02/21/26 08:37* | *02/21/26 23:17* | *1* |
| *1,4-Difluorobenzene (Surr)* | *92* | | *70 - 130* | *02/21/26 08:37* | *02/21/26 23:17* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-2 (15')

**Lab Sample ID: 880-68637-2**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | | 02/21/26 23:17 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 02/23/26 21:31 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 21:31 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 21:31 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 21:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *125* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 21:31* | *1* |
| *o-Terphenyl (Surr)* | *133* | *S1+* | *70 - 130* | *02/20/26 16:47* | *02/23/26 21:31* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **73.8** | | 10.1 | | mg/Kg | | | 02/23/26 17:34 | 1 |

## Client Sample ID: CS-3 (15')

**Lab Sample ID: 880-68637-3**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/21/26 08:37 | 02/21/26 23:38 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 23:38 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 23:38 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 23:38 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 23:38 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 23:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *70 - 130* | *02/21/26 08:37* | *02/21/26 23:38* | *1* |
| *1,4-Difluorobenzene (Surr)* | *93* | | *70 - 130* | *02/21/26 08:37* | *02/21/26 23:38* | *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 | | | 02/21/26 23:38 | 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 | | | 02/23/26 21:45 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 21:45 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 21:45 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-3 (15')

**Lab Sample ID: 880-68637-3**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/20/26 16:47 | 02/23/26 21:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *122* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 21:45* | *1* |
| *o-Terphenyl (Surr)* | *130* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 21:45* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **93.4** | | 9.96 | | mg/Kg | | | 02/23/26 17:41 | 1 |

## Client Sample ID: CS-4 (15')

**Lab Sample ID: 880-68637-4**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/21/26 08:37 | 02/21/26 23:58 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 23:58 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 23:58 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 23:58 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 23:58 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 23:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *111* | | *70 - 130* | *02/21/26 08:37* | *02/21/26 23:58* | *1* |
| *1,4-Difluorobenzene (Surr)* | *93* | | *70 - 130* | *02/21/26 08:37* | *02/21/26 23:58* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 02/21/26 23:58 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 02/23/26 22:01 | 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 | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 22:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 22:01 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 22:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *123* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 22:01* | *1* |
| *o-Terphenyl (Surr)* | *130* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 22:01* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **431** | | 9.98 | | mg/Kg | | | 02/23/26 17:48 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-5 (15')

**Lab Sample ID: 880-68637-5**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/21/26 08:37 | 02/22/26 00:19 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 00:19 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 00:19 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 00:19 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 00:19 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 00:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *105* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 00:19* | *1* |
| *1,4-Difluorobenzene (Surr)* | *90* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 00:19* | *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 | | | 02/22/26 00:19 | 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 | | | 02/23/26 22:15 | 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 | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 22:15 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 22:15 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 22:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *124* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 22:15* | *1* |
| *o-Terphenyl (Surr)* | *132* | *S1+* | *70 - 130* | *02/20/26 16:47* | *02/23/26 22:15* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **208** | | 9.98 | | mg/Kg | | | 02/23/26 17:54 | 1 |

## Client Sample ID: CS-6 (15')

**Lab Sample ID: 880-68637-6**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/21/26 08:37 | 02/22/26 00:39 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 00:39 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 00:39 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 00:39 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 00:39 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 00:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 00:39* | *1* |
| *1,4-Difluorobenzene (Surr)* | *91* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 00:39* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-6 (15')

**Lab Sample ID: 880-68637-6**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | | 02/22/26 00:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 02/23/26 22:30 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 22:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 22:30 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 22:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *111* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 22:30* | *1* |
| *o-Terphenyl (Surr)* | *118* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 22:30* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **142** | | 9.98 | | mg/Kg | | | 02/23/26 18:14 | 1 |

## Client Sample ID: CS-7 (15')

**Lab Sample ID: 880-68637-7**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/21/26 08:37 | 02/22/26 00:59 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 00:59 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 00:59 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 00:59 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 00:59 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 00:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *108* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 00:59* | *1* |
| *1,4-Difluorobenzene (Surr)* | *91* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 00:59* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 02/22/26 00:59 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 02/23/26 22:45 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 22:45 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 22:45 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-7 (15')

**Lab Sample ID: 880-68637-7**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/20/26 16:47 | 02/23/26 22:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *130* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 22:45* | *1* |
| *o-Terphenyl (Surr)* | *137* | *S1+* | *70 - 130* | *02/20/26 16:47* | *02/23/26 22:45* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **384** | | 10.0 | | mg/Kg | | | 02/23/26 18:21 | 1 |

## Client Sample ID: CS-8 (15')

**Lab Sample ID: 880-68637-8**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/21/26 08:37 | 02/22/26 01:20 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 01:20 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 01:20 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 01:20 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 01:20 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 01:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *109* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 01:20* | *1* |
| *1,4-Difluorobenzene (Surr)* | *90* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 01:20* | *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 | | | 02/22/26 01:20 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 02/23/26 23:00 | 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 | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 23:00 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 23:00 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 23:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *121* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 23:00* | *1* |
| *o-Terphenyl (Surr)* | *127* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 23:00* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **249** | | 10.0 | | mg/Kg | | | 02/23/26 18:28 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-9 (15')

**Lab Sample ID: 880-68637-9**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/21/26 08:37 | 02/22/26 01:40 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 01:40 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 01:40 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 01:40 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 01:40 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 01:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *109* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 01:40* | *1* |
| *1,4-Difluorobenzene (Surr)* | *88* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 01:40* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 02/22/26 01:40 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 02/23/26 23:14 | 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 | <49.8 | U | 49.8 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 23:14 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 23:14 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 23:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *126* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 23:14* | *1* |
| *o-Terphenyl (Surr)* | *131* | *S1+* | *70 - 130* | *02/20/26 16:47* | *02/23/26 23:14* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **158** | | 9.98 | | mg/Kg | | | 02/23/26 18:35 | 1 |

## Client Sample ID: CS-10 (15')

**Lab Sample ID: 880-68637-10**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/21/26 08:37 | 02/22/26 02:01 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 02:01 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 02:01 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 02:01 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 02:01 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 02:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 02:01* | *1* |
| *1,4-Difluorobenzene (Surr)* | *90* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 02:01* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-10 (15')

**Lab Sample ID: 880-68637-10**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | | 02/22/26 02:01 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 02/23/26 23:29 | 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 | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 23:29 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 23:29 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 23:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *120* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 23:29* | *1* |
| *o-Terphenyl (Surr)* | *125* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 23:29* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **177** | | 9.94 | | mg/Kg | | | 02/23/26 18:41 | 1 |

## Client Sample ID: CS-11 (15')

**Lab Sample ID: 880-68637-11**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/21/26 08:37 | 02/22/26 03:33 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 03:33 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 03:33 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 03:33 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 03:33 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 03:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 03:33* | *1* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 03:33* | *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 | | | 02/22/26 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 | <49.9 | U | 49.9 | | mg/Kg | | | 02/23/26 18:04 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 18:04 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 18:04 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-11 (15')

**Lab Sample ID: 880-68637-11**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/20/26 16:54 | 02/23/26 18:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *80* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 18:04* | *1* |
| *o-Terphenyl (Surr)* | *79* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 18:04* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **124** | | 10.0 | | mg/Kg | | | 02/23/26 18:48 | 1 |

## Client Sample ID: CS-12 (15')

**Lab Sample ID: 880-68637-12**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/21/26 08:37 | 02/22/26 03:54 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 03:54 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 03:54 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 03:54 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 03:54 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 03:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 03:54* | *1* |
| *1,4-Difluorobenzene (Surr)* | *92* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 03:54* | *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 | | | 02/22/26 03:54 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 02/23/26 18:48 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 18:48 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 18:48 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 18:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *97* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 18:48* | *1* |
| *o-Terphenyl (Surr)* | *95* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 18:48* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **236** | | 9.92 | | mg/Kg | | | 02/23/26 19:08 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-13 (15')

**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

**Lab Sample ID: 880-68637-13**
**Matrix: Solid**

### 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 | | 02/21/26 08:37 | 02/22/26 04:14 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 04:14 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 04:14 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 04:14 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 04:14 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 04:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *111* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 04:14* | *1* |
| *1,4-Difluorobenzene (Surr)* | *91* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 04:14* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 02/22/26 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 | | | 02/23/26 19:03 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 19:03 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 19:03 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 19:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *102* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 19:03* | *1* |
| *o-Terphenyl (Surr)* | *101* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 19:03* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **296** | | 9.94 | | mg/Kg | | | 02/23/26 19:15 | 1 |

## Client Sample ID: CS-14 (15')

**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

**Lab Sample ID: 880-68637-14**
**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 | | 02/21/26 08:37 | 02/22/26 04:35 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 04:35 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 04:35 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 04:35 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 04:35 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 04:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *106* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 04:35* | *1* |
| *1,4-Difluorobenzene (Surr)* | *91* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 04:35* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-14 (15')

**Lab Sample ID: 880-68637-14**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | | 02/22/26 04:35 | 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 | | | 02/23/26 19:17 | 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 | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 19:17 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 19:17 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 19:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *108* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 19:17* | *1* |
| *o-Terphenyl (Surr)* | *106* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 19:17* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **413** | | 9.98 | | mg/Kg | | | 02/23/26 19:35 | 1 |

## Client Sample ID: CS-15 (15')

**Lab Sample ID: 880-68637-15**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/21/26 08:37 | 02/22/26 04:55 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 04:55 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 04:55 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 04:55 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 04:55 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 04:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 04:55* | *1* |
| *1,4-Difluorobenzene (Surr)* | *91* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 04:55* | *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 | | | 02/22/26 04:55 | 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 | | | 02/23/26 19:32 | 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 | | 02/20/26 16:54 | 02/23/26 19:32 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 19:32 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-15 (15')

**Lab Sample ID: 880-68637-15**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/20/26 16:54 | 02/23/26 19:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *102* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 19:32* | *1* |
| *o-Terphenyl (Surr)* | *100* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 19:32* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **102** | | 10.0 | | mg/Kg | | | 02/23/26 19:42 | 1 |

## Client Sample ID: CS-16 (15')

**Lab Sample ID: 880-68637-16**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/21/26 08:37 | 02/22/26 05:15 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 05:15 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 05:15 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 05:15 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 05:15 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 05:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 05:15* | *1* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 05:15* | *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 | | | 02/22/26 05:15 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 02/23/26 19:47 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 19:47 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 19:47 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 19:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 19:47* | *1* |
| *o-Terphenyl (Surr)* | *98* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 19:47* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **136** | | 10.0 | | mg/Kg | | | 02/23/26 19:48 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-17 (15')

**Lab Sample ID: 880-68637-17**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/21/26 08:37 | 02/22/26 05:36 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 05:36 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 05:36 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 05:36 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 05:36 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 05:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *109* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 05:36* | *1* |
| *1,4-Difluorobenzene (Surr)* | *91* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 05:36* | *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 | | | 02/22/26 05:36 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 02/23/26 20:02 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 20:02 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 20:02 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 20:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 20:02* | *1* |
| *o-Terphenyl (Surr)* | *100* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 20:02* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **139** | | 10.0 | | mg/Kg | | | 02/23/26 19:55 | 1 |

## Client Sample ID: CS-18 (6')

**Lab Sample ID: 880-68637-18**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/21/26 08:37 | 02/22/26 05:56 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 05:56 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 05:56 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 05:56 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 05:56 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 05:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *115* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 05:56* | *1* |
| *1,4-Difluorobenzene (Surr)* | *90* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 05:56* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-18 (6')

**Lab Sample ID: 880-68637-18**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | | 02/22/26 05:56 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 02/23/26 20:17 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 20:17 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 20:17 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 20:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *100* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 20:17* | *1* |
| *o-Terphenyl (Surr)* | *97* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 20:17* | *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 | | | 02/23/26 20:02 | 1 |

## Client Sample ID: CS-19 (6')

**Lab Sample ID: 880-68637-19**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/21/26 08:37 | 02/22/26 06:17 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 06:17 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 06:17 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 06:17 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 06:17 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 06:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *105* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 06:17* | *1* |
| *1,4-Difluorobenzene (Surr)* | *91* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 06:17* | *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 | | | 02/22/26 06:17 | 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 | | | 02/23/26 20:31 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 20:31 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 20:31 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-19 (6')

**Lab Sample ID: 880-68637-19**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/20/26 16:54 | 02/23/26 20:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *95* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 20:31* | *1* |
| *o-Terphenyl (Surr)* | *94* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 20:31* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **582** | | 9.94 | | mg/Kg | | | 02/23/26 20:08 | 1 |

## Client Sample ID: CS-20 (6')

**Lab Sample ID: 880-68637-20**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/21/26 08:37 | 02/22/26 06:37 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 06:37 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 06:37 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 06:37 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 06:37 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/26 08:37 | 02/22/26 06:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 06:37* | *1* |
| *1,4-Difluorobenzene (Surr)* | *92* | | *70 - 130* | *02/21/26 08:37* | *02/22/26 06:37* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 02/22/26 06:37 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 02/23/26 20:46 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 20:46 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 20:46 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 20:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *97* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 20:46* | *1* |
| *o-Terphenyl (Surr)* | *96* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 20:46* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **84.4** | | 9.90 | | mg/Kg | | | 02/23/26 20:15 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-21 (6')

**Lab Sample ID: 880-68637-21**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U F1 F2 | 0.00200 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 12:27 | 1 |
| Toluene | <0.00200 | U F1 | 0.00200 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 12:27 | 1 |
| Ethylbenzene | <0.00200 | U F1 | 0.00200 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 12:27 | 1 |
| m,p-Xylenes | <0.00399 | U F1 | 0.00399 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 12:27 | 1 |
| o-Xylene | <0.00200 | U F1 | 0.00200 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 12:27 | 1 |
| Xylenes, Total | <0.00399 | U F1 | 0.00399 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 12:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *115* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 12:27* | *1* |
| *1,4-Difluorobenzene (Surr)* | *89* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 12:27* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 02/23/26 12:27 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 02/23/26 21:16 | 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 | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 21:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 21:16 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 21:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *99* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 21:16* | *1* |
| *o-Terphenyl (Surr)* | *96* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 21:16* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **56.2** | | 9.98 | | mg/Kg | | | 02/23/26 21:09 | 1 |

## Client Sample ID: CS-22 (6')

**Lab Sample ID: 880-68637-22**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/23/26 10:11 | 02/23/26 12:47 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 12:47 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 12:47 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 12:47 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 12:47 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 12:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *112* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 12:47* | *1* |
| *1,4-Difluorobenzene (Surr)* | *84* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 12:47* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-22 (6')

**Lab Sample ID: 880-68637-22**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | | 02/23/26 12:47 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 02/23/26 21:31 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 21:31 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 21:31 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 21:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *73* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 21:31* | *1* |
| *o-Terphenyl (Surr)* | *72* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 21:31* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **169** | | 9.92 | | mg/Kg | | | 02/23/26 21:29 | 1 |

## Client Sample ID: CS-23 (6')

**Lab Sample ID: 880-68637-23**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/23/26 10:11 | 02/23/26 13:08 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 13:08 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 13:08 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 13:08 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 13:08 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 13:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *118* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 13:08* | *1* |
| *1,4-Difluorobenzene (Surr)* | *85* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 13:08* | *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 | | | 02/23/26 13:08 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 02/23/26 21:45 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 21:45 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 21:45 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-23 (6')

**Lab Sample ID: 880-68637-23**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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) | <50.5 | U | 50.5 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 21:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 21:45* | *1* |
| *o-Terphenyl (Surr)* | *98* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 21:45* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **71.1** | | 9.94 | | mg/Kg | | | 02/23/26 21:36 | 1 |

## Client Sample ID: CS-24 (6')

**Lab Sample ID: 880-68637-24**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/23/26 10:11 | 02/23/26 13:28 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 13:28 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 13:28 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 13:28 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 13:28 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 13:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 13:28* | *1* |
| *1,4-Difluorobenzene (Surr)* | *90* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 13:28* | *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 | | | 02/23/26 13:28 | 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 | | | 02/23/26 22:01 | 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 | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 22:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 22:01 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 22:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *97* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 22:01* | *1* |
| *o-Terphenyl (Surr)* | *95* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 22:01* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **266** | | 10.0 | | mg/Kg | | | 02/23/26 21:42 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-25 (6')

**Lab Sample ID: 880-68637-25**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/23/26 10:11 | 02/23/26 13:49 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 13:49 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 13:49 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 13:49 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 13:49 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 13:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *112* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 13:49* | *1* |
| *1,4-Difluorobenzene (Surr)* | *89* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 13:49* | *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 | | | 02/23/26 13:49 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 02/23/26 22:15 | 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 | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 22:15 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 22:15 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 22:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *100* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 22:15* | *1* |
| *o-Terphenyl (Surr)* | *98* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 22:15* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **99.6** | | 10.1 | | mg/Kg | | | 02/23/26 21:49 | 1 |

## Client Sample ID: CS-26 (6')

**Lab Sample ID: 880-68637-26**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/23/26 10:11 | 02/23/26 14:09 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 14:09 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 14:09 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 14:09 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 14:09 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 14:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *113* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 14:09* | *1* |
| *1,4-Difluorobenzene (Surr)* | *88* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 14:09* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-26 (6')

**Lab Sample ID: 880-68637-26**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | | 02/23/26 14:09 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 02/23/26 22:30 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 22:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 22:30 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 22:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *108* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 22:30* | *1* |
| *o-Terphenyl (Surr)* | *106* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 22:30* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **262** | | 10.1 | | mg/Kg | | | 02/23/26 22:09 | 1 |

## Client Sample ID: CS-27 (6')

**Lab Sample ID: 880-68637-27**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/23/26 10:11 | 02/23/26 14:30 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 14:30 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 14:30 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 14:30 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 14:30 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 14:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *112* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 14:30* | *1* |
| *1,4-Difluorobenzene (Surr)* | *87* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 14:30* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 02/23/26 14:30 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 02/23/26 22:45 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 22:45 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 22:45 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-27 (6')

**Lab Sample ID: 880-68637-27**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/20/26 16:54 | 02/23/26 22:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *96* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 22:45* | *1* |
| *o-Terphenyl (Surr)* | *92* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 22:45* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **426** | | 10.1 | | mg/Kg | | | 02/23/26 22:16 | 1 |

## Client Sample ID: CS-28 (6')

**Lab Sample ID: 880-68637-28**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/23/26 10:11 | 02/23/26 14:50 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 14:50 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 14:50 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 14:50 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 14:50 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 14:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *114* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 14:50* | *1* |
| *1,4-Difluorobenzene (Surr)* | *88* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 14:50* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 02/23/26 14:50 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 02/23/26 23:00 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 23:00 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 23:00 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 23:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *96* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 23:00* | *1* |
| *o-Terphenyl (Surr)* | *97* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 23:00* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **250** | | 9.98 | | mg/Kg | | | 02/23/26 22:23 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-29 (6')

**Lab Sample ID: 880-68637-29**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/23/26 10:11 | 02/23/26 15:10 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 15:10 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 15:10 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 15:10 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 15:10 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 15:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 15:10* | *1* |
| *1,4-Difluorobenzene (Surr)* | *93* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 15:10* | *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 | | | 02/23/26 15:10 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 02/23/26 23:14 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 23:14 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 23:14 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 23:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 23:14* | *1* |
| *o-Terphenyl (Surr)* | *97* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 23:14* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **289** | | 10.0 | | mg/Kg | | | 02/23/26 22:29 | 1 |

## Client Sample ID: CS-30 (6')

**Lab Sample ID: 880-68637-30**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/23/26 10:11 | 02/23/26 15:31 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 15:31 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 15:31 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 15:31 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 15:31 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 15:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 15:31* | *1* |
| *1,4-Difluorobenzene (Surr)* | *86* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 15:31* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-30 (6')

**Lab Sample ID: 880-68637-30**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | | 02/23/26 15:31 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 02/23/26 23:29 | 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 | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 23:29 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 23:29 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 23:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *99* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 23:29* | *1* |
| *o-Terphenyl (Surr)* | *96* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 23:29* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **407** | | 9.96 | | mg/Kg | | | 02/23/26 22:36 | 1 |

## Client Sample ID: CS-31 (6')

**Lab Sample ID: 880-68637-31**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/23/26 10:11 | 02/23/26 17:04 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 17:04 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 17:04 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 17:04 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 17:04 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 17:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 17:04* | *1* |
| *1,4-Difluorobenzene (Surr)* | *91* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 17:04* | *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 | | | 02/23/26 17:04 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 02/23/26 15:12 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 15:26 | 02/23/26 15:12 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 15:26 | 02/23/26 15:12 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-31 (6')

**Lab Sample ID: 880-68637-31**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/20/26 15:26 | 02/23/26 15:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *121* | | *70 - 130* | *02/20/26 15:26* | *02/23/26 15:12* | *1* |
| *o-Terphenyl (Surr)* | *125* | | *70 - 130* | *02/20/26 15:26* | *02/23/26 15:12* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **295** | | 9.92 | | mg/Kg | | | 02/23/26 22:43 | 1 |

## Client Sample ID: CS-32 (6')

**Lab Sample ID: 880-68637-32**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/23/26 10:11 | 02/23/26 17:25 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 17:25 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 17:25 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 17:25 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 17:25 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 17:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *120* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 17:25* | *1* |
| *1,4-Difluorobenzene (Surr)* | *86* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 17:25* | *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 | | | 02/23/26 17:25 | 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 | | | 02/23/26 15:25 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 15:26 | 02/23/26 15:25 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 15:26 | 02/23/26 15:25 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 15:26 | 02/23/26 15:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *104* | | *70 - 130* | *02/20/26 15:26* | *02/23/26 15:25* | *1* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* | *02/20/26 15:26* | *02/23/26 15:25* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **264** | | 10.0 | | mg/Kg | | | 02/23/26 23:03 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-33 (6')

**Lab Sample ID: 880-68637-33**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/23/26 10:11 | 02/23/26 17:45 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 17:45 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 17:45 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 17:45 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 17:45 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 17:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 17:45* | *1* |
| *1,4-Difluorobenzene (Surr)* | *89* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 17:45* | *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 | | | 02/23/26 17:45 | 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 | | | 02/23/26 15:40 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 15:26 | 02/23/26 15:40 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 15:26 | 02/23/26 15:40 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 15:26 | 02/23/26 15:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *103* | | *70 - 130* | *02/20/26 15:26* | *02/23/26 15:40* | *1* |
| *o-Terphenyl (Surr)* | *106* | | *70 - 130* | *02/20/26 15:26* | *02/23/26 15:40* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **195** | | 9.94 | | mg/Kg | | | 02/23/26 23:09 | 1 |

## Client Sample ID: CS-34 (6')

**Lab Sample ID: 880-68637-34**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

### 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 | | 02/23/26 10:11 | 02/23/26 18:06 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 18:06 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 18:06 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 18:06 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 18:06 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 18:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *117* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 18:06* | *1* |
| *1,4-Difluorobenzene (Surr)* | *90* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 18:06* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-34 (6')

**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

## Lab Sample ID: 880-68637-34

**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 | | | 02/23/26 18:06 | 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 | | | 02/23/26 15:54 | 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 | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 15:26 | 02/23/26 15:54 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 15:26 | 02/23/26 15:54 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 15:26 | 02/23/26 15:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *106* | | *70 - 130* | *02/20/26 15:26* | *02/23/26 15:54* | *1* |
| *o-Terphenyl (Surr)* | *111* | | *70 - 130* | *02/20/26 15:26* | *02/23/26 15:54* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **254** | | 9.94 | | mg/Kg | | | 02/23/26 23:30 | 1 |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| | | BFB1 | DFBZ1 |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) |
| 880-68637-1 | CS-1 (15') | 117 | 92 |
| 880-68637-1 MS | CS-1 (15') | 116 | 90 |
| 880-68637-1 MSD | CS-1 (15') | 108 | 95 |
| 880-68637-2 | CS-2 (15') | 113 | 92 |
| 880-68637-3 | CS-3 (15') | 107 | 93 |
| 880-68637-4 | CS-4 (15') | 111 | 93 |
| 880-68637-5 | CS-5 (15') | 105 | 90 |
| 880-68637-6 | CS-6 (15') | 110 | 91 |
| 880-68637-7 | CS-7 (15') | 108 | 91 |
| 880-68637-8 | CS-8 (15') | 109 | 90 |
| 880-68637-9 | CS-9 (15') | 109 | 88 |
| 880-68637-10 | CS-10 (15') | 110 | 90 |
| 880-68637-11 | CS-11 (15') | 103 | 94 |
| 880-68637-12 | CS-12 (15') | 104 | 92 |
| 880-68637-13 | CS-13 (15') | 111 | 91 |
| 880-68637-14 | CS-14 (15') | 106 | 91 |
| 880-68637-15 | CS-15 (15') | 107 | 91 |
| 880-68637-16 | CS-16 (15') | 107 | 94 |
| 880-68637-17 | CS-17 (15') | 109 | 91 |
| 880-68637-18 | CS-18 (6') | 115 | 90 |
| 880-68637-19 | CS-19 (6') | 105 | 91 |
| 880-68637-20 | CS-20 (6') | 103 | 92 |
| 880-68637-21 | CS-21 (6') | 115 | 89 |
| 880-68637-21 MS | CS-21 (6') | 111 | 90 |
| 880-68637-21 MSD | CS-21 (6') | 96 | 97 |
| 880-68637-22 | CS-22 (6') | 112 | 84 |
| 880-68637-23 | CS-23 (6') | 118 | 85 |
| 880-68637-24 | CS-24 (6') | 110 | 90 |
| 880-68637-25 | CS-25 (6') | 112 | 89 |
| 880-68637-26 | CS-26 (6') | 113 | 88 |
| 880-68637-27 | CS-27 (6') | 112 | 87 |
| 880-68637-28 | CS-28 (6') | 114 | 88 |
| 880-68637-29 | CS-29 (6') | 110 | 93 |
| 880-68637-30 | CS-30 (6') | 110 | 86 |
| 880-68637-31 | CS-31 (6') | 110 | 91 |
| 880-68637-32 | CS-32 (6') | 120 | 86 |
| 880-68637-33 | CS-33 (6') | 101 | 89 |
| 880-68637-34 | CS-34 (6') | 117 | 90 |
| LCS 880-132651/1-A | Lab Control Sample | 110 | 95 |
| LCS 880-132672/1-A | Lab Control Sample | 100 | 97 |
| LCSD 880-132651/2-A | Lab Control Sample Dup | 107 | 93 |
| LCSD 880-132672/2-A | Lab Control Sample Dup | 101 | 92 |
| MB 880-132651/5-A | Method Blank | 97 | 97 |
| MB 880-132672/5-A | Method Blank | 99 | 96 |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

# Surrogate Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
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) |
|---|---|---|---|
| 880-68633-A-1-B MS | Matrix Spike | 138 S1+ | 128 |
| 880-68633-A-1-C MSD | Matrix Spike Duplicate | 137 S1+ | 129 |
| 880-68635-A-12-C MS | Matrix Spike | 141 S1+ | 126 |
| 880-68635-A-12-D MSD | Matrix Spike Duplicate | 115 | 124 |
| 880-68637-1 | CS-1 (15') | 118 | 120 |
| 880-68637-2 | CS-2 (15') | 125 | 133 S1+ |
| 880-68637-3 | CS-3 (15') | 122 | 130 |
| 880-68637-4 | CS-4 (15') | 123 | 130 |
| 880-68637-5 | CS-5 (15') | 124 | 132 S1+ |
| 880-68637-6 | CS-6 (15') | 111 | 118 |
| 880-68637-7 | CS-7 (15') | 130 | 137 S1+ |
| 880-68637-8 | CS-8 (15') | 121 | 127 |
| 880-68637-9 | CS-9 (15') | 126 | 131 S1+ |
| 880-68637-10 | CS-10 (15') | 120 | 125 |
| 880-68637-11 | CS-11 (15') | 80 | 79 |
| 880-68637-11 MS | CS-11 (15') | 113 | 114 |
| 880-68637-11 MSD | CS-11 (15') | 97 | 100 |
| 880-68637-12 | CS-12 (15') | 97 | 95 |
| 880-68637-13 | CS-13 (15') | 102 | 101 |
| 880-68637-14 | CS-14 (15') | 108 | 106 |
| 880-68637-15 | CS-15 (15') | 102 | 100 |
| 880-68637-16 | CS-16 (15') | 101 | 98 |
| 880-68637-17 | CS-17 (15') | 101 | 100 |
| 880-68637-18 | CS-18 (6') | 100 | 97 |
| 880-68637-19 | CS-19 (6') | 95 | 94 |
| 880-68637-20 | CS-20 (6') | 97 | 96 |
| 880-68637-21 | CS-21 (6') | 99 | 96 |
| 880-68637-22 | CS-22 (6') | 73 | 72 |
| 880-68637-23 | CS-23 (6') | 101 | 98 |
| 880-68637-24 | CS-24 (6') | 97 | 95 |
| 880-68637-25 | CS-25 (6') | 100 | 98 |
| 880-68637-26 | CS-26 (6') | 108 | 106 |
| 880-68637-27 | CS-27 (6') | 96 | 92 |
| 880-68637-28 | CS-28 (6') | 96 | 97 |
| 880-68637-29 | CS-29 (6') | 101 | 97 |
| 880-68637-30 | CS-30 (6') | 99 | 96 |
| 880-68637-31 | CS-31 (6') | 121 | 125 |
| 880-68637-32 | CS-32 (6') | 104 | 107 |
| 880-68637-33 | CS-33 (6') | 103 | 106 |
| 880-68637-34 | CS-34 (6') | 106 | 111 |
| LCS 880-132595/2-A | Lab Control Sample | 125 | 117 |
| LCS 880-132618/2-A | Lab Control Sample | 128 | 140 S1+ |
| LCS 880-132619/2-A | Lab Control Sample | 104 | 107 |
| LCSD 880-132595/3-A | Lab Control Sample Dup | 126 | 120 |
| LCSD 880-132618/3-A | Lab Control Sample Dup | 127 | 142 S1+ |
| LCSD 880-132619/3-A | Lab Control Sample Dup | 105 | 109 |
| MB 880-132595/1-A | Method Blank | 124 | 141 S1+ |
| MB 880-132618/1-A | Method Blank | 117 | 121 |
| MB 880-132619/1-A | Method Blank | 95 | 93 |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

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

**Lab Sample ID: MB 880-132651/5-A**
**Matrix: Solid**
**Analysis Batch: 132638**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 132651**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 22:35 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 22:35 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 22:35 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 22:35 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 22:35 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 22:35 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *02/21/26 08:37* | *02/21/26 22:35* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *02/21/26 08:37* | *02/21/26 22:35* | *1* |

**Lab Sample ID: LCS 880-132651/1-A**
**Matrix: Solid**
**Analysis Batch: 132638**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 132651**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.09470 | | mg/Kg | | 95 | 70 - 130 |
| Toluene | 0.100 | 0.1068 | | mg/Kg | | 107 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.09894 | | mg/Kg | | 99 | 70 - 130 |
| m,p-Xylenes | 0.200 | 0.2073 | | mg/Kg | | 104 | 70 - 130 |
| o-Xylene | 0.100 | 0.1013 | | mg/Kg | | 101 | 70 - 130 |

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

**Lab Sample ID: LCSD 880-132651/2-A**
**Matrix: Solid**
**Analysis Batch: 132638**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 132651**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.08991 | | mg/Kg | | 90 | 70 - 130 | 5 | 35 |
| Toluene | 0.100 | 0.1070 | | mg/Kg | | 107 | 70 - 130 | 0 | 35 |
| Ethylbenzene | 0.100 | 0.1002 | | mg/Kg | | 100 | 70 - 130 | 1 | 35 |
| m,p-Xylenes | 0.200 | 0.2109 | | mg/Kg | | 105 | 70 - 130 | 2 | 35 |
| o-Xylene | 0.100 | 0.1020 | | mg/Kg | | 102 | 70 - 130 | 1 | 35 |

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

**Lab Sample ID: 880-68637-1 MS**
**Matrix: Solid**
**Analysis Batch: 132638**

**Client Sample ID: CS-1 (15')**
**Prep Type: Total/NA**
**Prep Batch: 132651**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.08486 | | mg/Kg | | 85 | 70 - 130 |
| Toluene | <0.00200 | U | 0.100 | 0.1018 | | mg/Kg | | 102 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 880-68637-1 MS**
**Matrix: Solid**
**Analysis Batch: 132638**

**Client Sample ID: CS-1 (15')**
**Prep Type: Total/NA**
**Prep Batch: 132651**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | <0.00200 | U | 0.100 | 0.09688 | | mg/Kg | | 97 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.2016 | | mg/Kg | | 101 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.100 | 0.09880 | | mg/Kg | | 99 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *116* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *90* | | *70 - 130* |

**Lab Sample ID: 880-68637-1 MSD**
**Matrix: Solid**
**Analysis Batch: 132638**

**Client Sample ID: CS-1 (15')**
**Prep Type: Total/NA**
**Prep Batch: 132651**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.08747 | | mg/Kg | | 87 | 70 - 130 | 3 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.1054 | | mg/Kg | | 105 | 70 - 130 | 3 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.09590 | | mg/Kg | | 96 | 70 - 130 | 1 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1993 | | mg/Kg | | 100 | 70 - 130 | 1 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.09769 | | mg/Kg | | 98 | 70 - 130 | 1 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *108* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* |

**Lab Sample ID: MB 880-132672/5-A**
**Matrix: Solid**
**Analysis Batch: 132652**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 132672**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 12:05 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 12:05 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 12:05 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 12:05 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 12:05 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 02/23/26 10:11 | 02/23/26 12:05 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 12:05* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *02/23/26 10:11* | *02/23/26 12:05* | *1* |

**Lab Sample ID: LCS 880-132672/1-A**
**Matrix: Solid**
**Analysis Batch: 132652**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 132672**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.09349 | | mg/Kg | | 93 | 70 - 130 |
| Toluene | 0.100 | 0.1058 | | mg/Kg | | 106 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.09514 | | mg/Kg | | 95 | 70 - 130 |
| m,p-Xylenes | 0.200 | 0.1948 | | mg/Kg | | 97 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

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

**Lab Sample ID: LCS 880-132672/1-A**
**Matrix: Solid**
**Analysis Batch: 132652**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 132672**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| o-Xylene | | | 0.100 | 0.09544 | | mg/Kg | | 95 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* |

**Lab Sample ID: LCSD 880-132672/2-A**
**Matrix: Solid**
**Analysis Batch: 132652**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 132672**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.08688 | | mg/Kg | | 87 | 70 - 130 | 7 | 35 |
| Toluene | | | 0.100 | 0.09595 | | mg/Kg | | 96 | 70 - 130 | 10 | 35 |
| Ethylbenzene | | | 0.100 | 0.08426 | | mg/Kg | | 84 | 70 - 130 | 12 | 35 |
| m,p-Xylenes | | | 0.200 | 0.1715 | | mg/Kg | | 86 | 70 - 130 | 13 | 35 |
| o-Xylene | | | 0.100 | 0.08560 | | mg/Kg | | 86 | 70 - 130 | 11 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *92* | | *70 - 130* |

**Lab Sample ID: 880-68637-21 MS**
**Matrix: Solid**
**Analysis Batch: 132652**

**Client Sample ID: CS-21 (6')**
**Prep Type: Total/NA**
**Prep Batch: 132672**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U F1 F2 | 0.100 | 0.06804 | F1 | mg/Kg | | 68 | 70 - 130 | | |
| Toluene | <0.00200 | U F1 | 0.100 | 0.08130 | | mg/Kg | | 81 | 70 - 130 | | |
| Ethylbenzene | <0.00200 | U F1 | 0.100 | 0.07427 | | mg/Kg | | 74 | 70 - 130 | | |
| m,p-Xylenes | <0.00399 | U F1 | 0.200 | 0.1544 | | mg/Kg | | 77 | 70 - 130 | | |
| o-Xylene | <0.00200 | U F1 | 0.100 | 0.07961 | | mg/Kg | | 80 | 70 - 130 | | |

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

**Lab Sample ID: 880-68637-21 MSD**
**Matrix: Solid**
**Analysis Batch: 132652**

**Client Sample ID: CS-21 (6')**
**Prep Type: Total/NA**
**Prep Batch: 132672**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U F1 F2 | 0.100 | 0.002039 | F1 F2 | mg/Kg | | 2 | 70 - 130 | 188 | 35 |
| Toluene | <0.00200 | U F1 | 0.100 | <0.00200 | U F1 | mg/Kg | | 0 | 70 - 130 | NC | 35 |
| Ethylbenzene | <0.00200 | U F1 | 0.100 | <0.00200 | U F1 | mg/Kg | | 0 | 70 - 130 | NC | 35 |
| m,p-Xylenes | <0.00399 | U F1 | 0.200 | <0.00400 | U F1 | mg/Kg | | 0 | 70 - 130 | NC | 35 |
| o-Xylene | <0.00200 | U F1 | 0.100 | <0.00200 | U F1 | mg/Kg | | 0 | 70 - 130 | NC | 35 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 880-68637-21 MSD**
**Matrix: Solid**
**Analysis Batch: 132652**

**Client Sample ID: CS-21 (6')**
**Prep Type: Total/NA**
**Prep Batch: 132672**

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* |

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

**Lab Sample ID: MB 880-132595/1-A**
**Matrix: Solid**
**Analysis Batch: 132645**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 132595**

| 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 | | 02/20/26 15:26 | 02/23/26 08:28 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 15:26 | 02/23/26 08:28 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 15:26 | 02/23/26 08:28 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *124* | | *70 - 130* | *02/20/26 15:26* | *02/23/26 08:28* | *1* |
| *o-Terphenyl (Surr)* | *141* | *S1+* | *70 - 130* | *02/20/26 15:26* | *02/23/26 08:28* | *1* |

**Lab Sample ID: LCS 880-132595/2-A**
**Matrix: Solid**
**Analysis Batch: 132645**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 132595**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1189 | | mg/Kg | | 119 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1037 | | mg/Kg | | 104 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *125* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *117* | | *70 - 130* |

**Lab Sample ID: LCSD 880-132595/3-A**
**Matrix: Solid**
**Analysis Batch: 132645**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 132595**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1191 | | mg/Kg | | 119 | 70 - 130 | 0 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1055 | | mg/Kg | | 106 | 70 - 130 | 2 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *126* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *120* | | *70 - 130* |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 880-68633-A-1-B MS** — **Client Sample ID: Matrix Spike**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 132645** — **Prep Batch: 132595**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 1000 | 1201 | | mg/Kg | | 120 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 1000 | 1051 | | mg/Kg | | 105 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *138* | *S1+* | *70 - 130* |
| *o-Terphenyl (Surr)* | *128* | | *70 - 130* |

**Lab Sample ID: 880-68633-A-1-C MSD** — **Client Sample ID: Matrix Spike Duplicate**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 132645** — **Prep Batch: 132595**

| 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 | 1000 | 1182 | | mg/Kg | | 118 | 70 - 130 | 2 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 1000 | 1069 | | mg/Kg | | 107 | 70 - 130 | 2 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *137* | *S1+* | *70 - 130* |
| *o-Terphenyl (Surr)* | *129* | | *70 - 130* |

**Lab Sample ID: MB 880-132618/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 132647** — **Prep Batch: 132618**

| 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 | | 02/20/26 16:47 | 02/23/26 16:55 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 16:55 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 16:55 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *117* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 16:55* | *1* |
| *o-Terphenyl (Surr)* | *121* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 16:55* | *1* |

**Lab Sample ID: LCS 880-132618/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 132647** — **Prep Batch: 132618**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 1266 | | mg/Kg | | 127 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 1134 | | mg/Kg | | 113 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

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

**Lab Sample ID: LCS 880-132618/2-A**
**Matrix: Solid**
**Analysis Batch: 132647**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 132618**

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 128 | | 70 - 130 |
| o-Terphenyl (Surr) | 140 | S1+ | 70 - 130 |

**Lab Sample ID: LCSD 880-132618/3-A**
**Matrix: Solid**
**Analysis Batch: 132647**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 132618**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1236 | | mg/Kg | | 124 | 70 - 130 | 2 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1134 | | mg/Kg | | 113 | 70 - 130 | 0 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 127 | | 70 - 130 |
| o-Terphenyl (Surr) | 142 | S1+ | 70 - 130 |

**Lab Sample ID: 880-68635-A-12-C MS**
**Matrix: Solid**
**Analysis Batch: 132647**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 132618**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 1000 | 1062 | | mg/Kg | | 106 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 1000 | 899.6 | | mg/Kg | | 90 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 141 | S1+ | 70 - 130 |
| o-Terphenyl (Surr) | 126 | | 70 - 130 |

**Lab Sample ID: 880-68635-A-12-D MSD**
**Matrix: Solid**
**Analysis Batch: 132647**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 132618**

| 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 | 1000 | 1102 | | mg/Kg | | 110 | 70 - 130 | 4 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 1000 | 987.1 | | mg/Kg | | 99 | 70 - 130 | 9 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 115 | | 70 - 130 |
| o-Terphenyl (Surr) | 124 | | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

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

**Lab Sample ID: MB 880-132619/1-A**
**Matrix: Solid**
**Analysis Batch: 132650**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 132619**

| 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 | | 02/20/26 16:54 | 02/23/26 16:40 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 16:40 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:54 | 02/23/26 16:40 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *95* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 16:40* | *1* |
| *o-Terphenyl (Surr)* | *93* | | *70 - 130* | *02/20/26 16:54* | *02/23/26 16:40* | *1* |

**Lab Sample ID: LCS 880-132619/2-A**
**Matrix: Solid**
**Analysis Batch: 132650**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 132619**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 1110 | | mg/Kg | | 111 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 1069 | | mg/Kg | | 107 | 70 - 130 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *104* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* |

**Lab Sample ID: LCSD 880-132619/3-A**
**Matrix: Solid**
**Analysis Batch: 132650**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 132619**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 1125 | | mg/Kg | | 113 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 1064 | | mg/Kg | | 106 | 70 - 130 | 0 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *105* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *109* | | *70 - 130* |

**Lab Sample ID: 880-68637-11 MS**
**Matrix: Solid**
**Analysis Batch: 132650**

**Client Sample ID: CS-11 (15')**
**Prep Type: Total/NA**
**Prep Batch: 132619**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 999 | 1040 | | mg/Kg | | 104 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 982.3 | | mg/Kg | | 96 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 880-68637-11 MS**
**Matrix: Solid**
**Analysis Batch: 132650**

**Client Sample ID: CS-11 (15')**
**Prep Type: Total/NA**
**Prep Batch: 132619**

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 113 | | 70 - 130 |
| o-Terphenyl (Surr) | 114 | | 70 - 130 |

**Lab Sample ID: 880-68637-11 MSD**
**Matrix: Solid**
**Analysis Batch: 132650**

**Client Sample ID: CS-11 (15')**
**Prep Type: Total/NA**
**Prep Batch: 132619**

| 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 | 999 | 896.2 | | mg/Kg | | 90 | 70 - 130 | 15 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 858.9 | | mg/Kg | | 84 | 70 - 130 | 13 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 97 | | 70 - 130 |
| o-Terphenyl (Surr) | 100 | | 70 - 130 |

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-132627/1-A**
**Matrix: Solid**
**Analysis Batch: 132670**

**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 | | | 02/23/26 16:54 | 1 |

**Lab Sample ID: LCS 880-132627/2-A**
**Matrix: Solid**
**Analysis Batch: 132670**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 258.0 | | mg/Kg | | 103 | 90 - 110 |

**Lab Sample ID: LCSD 880-132627/3-A**
**Matrix: Solid**
**Analysis Batch: 132670**

**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 | 257.2 | | mg/Kg | | 103 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-68637-1 MS**
**Matrix: Solid**
**Analysis Batch: 132670**

**Client Sample ID: CS-1 (15')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 70.1 | | 252 | 331.4 | | mg/Kg | | 104 | 90 - 110 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: 880-68637-1 MSD** — **Client Sample ID: CS-1 (15')**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 132670**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 70.1 | | 252 | 330.8 | | mg/Kg | | 103 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-68637-11 MS** — **Client Sample ID: CS-11 (15')**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 132670**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 124 | | 250 | 382.9 | | mg/Kg | | 104 | 90 - 110 |

**Lab Sample ID: 880-68637-11 MSD** — **Client Sample ID: CS-11 (15')**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 132670**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 124 | | 250 | 384.3 | | mg/Kg | | 104 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-132628/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 132693**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 02/23/26 20:49 | 1 |

**Lab Sample ID: LCS 880-132628/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 132693**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 262.3 | | mg/Kg | | 105 | 90 - 110 |

**Lab Sample ID: LCSD 880-132628/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 132693**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 250 | 259.5 | | mg/Kg | | 104 | 90 - 110 | 1 | 20 |

**Lab Sample ID: 880-68637-21 MS** — **Client Sample ID: CS-21 (6')**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 132693**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 56.2 | | 250 | 309.6 | | mg/Kg | | 102 | 90 - 110 |

**Lab Sample ID: 880-68637-21 MSD** — **Client Sample ID: CS-21 (6')**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 132693**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 56.2 | | 250 | 311.4 | | mg/Kg | | 102 | 90 - 110 | 1 | 20 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: 880-68637-31 MS**
**Matrix: Solid**
**Analysis Batch: 132693**

**Client Sample ID: CS-31 (6')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 295 | | 248 | 540.0 | | mg/Kg | | 99 | 90 - 110 | | |

**Lab Sample ID: 880-68637-31 MSD**
**Matrix: Solid**
**Analysis Batch: 132693**

**Client Sample ID: CS-31 (6')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 295 | | 248 | 540.9 | | mg/Kg | | 99 | 90 - 110 | 0 | 20 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## GC VOA

### Analysis Batch: 132638

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68637-1 | CS-1 (15') | Total/NA | Solid | 8021B | 132651 |
| 880-68637-2 | CS-2 (15') | Total/NA | Solid | 8021B | 132651 |
| 880-68637-3 | CS-3 (15') | Total/NA | Solid | 8021B | 132651 |
| 880-68637-4 | CS-4 (15') | Total/NA | Solid | 8021B | 132651 |
| 880-68637-5 | CS-5 (15') | Total/NA | Solid | 8021B | 132651 |
| 880-68637-6 | CS-6 (15') | Total/NA | Solid | 8021B | 132651 |
| 880-68637-7 | CS-7 (15') | Total/NA | Solid | 8021B | 132651 |
| 880-68637-8 | CS-8 (15') | Total/NA | Solid | 8021B | 132651 |
| 880-68637-9 | CS-9 (15') | Total/NA | Solid | 8021B | 132651 |
| 880-68637-10 | CS-10 (15') | Total/NA | Solid | 8021B | 132651 |
| 880-68637-11 | CS-11 (15') | Total/NA | Solid | 8021B | 132651 |
| 880-68637-12 | CS-12 (15') | Total/NA | Solid | 8021B | 132651 |
| 880-68637-13 | CS-13 (15') | Total/NA | Solid | 8021B | 132651 |
| 880-68637-14 | CS-14 (15') | Total/NA | Solid | 8021B | 132651 |
| 880-68637-15 | CS-15 (15') | Total/NA | Solid | 8021B | 132651 |
| 880-68637-16 | CS-16 (15') | Total/NA | Solid | 8021B | 132651 |
| 880-68637-17 | CS-17 (15') | Total/NA | Solid | 8021B | 132651 |
| 880-68637-18 | CS-18 (6') | Total/NA | Solid | 8021B | 132651 |
| 880-68637-19 | CS-19 (6') | Total/NA | Solid | 8021B | 132651 |
| 880-68637-20 | CS-20 (6') | Total/NA | Solid | 8021B | 132651 |
| MB 880-132651/5-A | Method Blank | Total/NA | Solid | 8021B | 132651 |
| LCS 880-132651/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 132651 |
| LCSD 880-132651/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 132651 |
| 880-68637-1 MS | CS-1 (15') | Total/NA | Solid | 8021B | 132651 |
| 880-68637-1 MSD | CS-1 (15') | Total/NA | Solid | 8021B | 132651 |

### Prep Batch: 132651

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68637-1 | CS-1 (15') | Total/NA | Solid | 5035 | |
| 880-68637-2 | CS-2 (15') | Total/NA | Solid | 5035 | |
| 880-68637-3 | CS-3 (15') | Total/NA | Solid | 5035 | |
| 880-68637-4 | CS-4 (15') | Total/NA | Solid | 5035 | |
| 880-68637-5 | CS-5 (15') | Total/NA | Solid | 5035 | |
| 880-68637-6 | CS-6 (15') | Total/NA | Solid | 5035 | |
| 880-68637-7 | CS-7 (15') | Total/NA | Solid | 5035 | |
| 880-68637-8 | CS-8 (15') | Total/NA | Solid | 5035 | |
| 880-68637-9 | CS-9 (15') | Total/NA | Solid | 5035 | |
| 880-68637-10 | CS-10 (15') | Total/NA | Solid | 5035 | |
| 880-68637-11 | CS-11 (15') | Total/NA | Solid | 5035 | |
| 880-68637-12 | CS-12 (15') | Total/NA | Solid | 5035 | |
| 880-68637-13 | CS-13 (15') | Total/NA | Solid | 5035 | |
| 880-68637-14 | CS-14 (15') | Total/NA | Solid | 5035 | |
| 880-68637-15 | CS-15 (15') | Total/NA | Solid | 5035 | |
| 880-68637-16 | CS-16 (15') | Total/NA | Solid | 5035 | |
| 880-68637-17 | CS-17 (15') | Total/NA | Solid | 5035 | |
| 880-68637-18 | CS-18 (6') | Total/NA | Solid | 5035 | |
| 880-68637-19 | CS-19 (6') | Total/NA | Solid | 5035 | |
| 880-68637-20 | CS-20 (6') | Total/NA | Solid | 5035 | |
| MB 880-132651/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-132651/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-132651/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## GC VOA (Continued)

### Prep Batch: 132651 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68637-1 MS | CS-1 (15') | Total/NA | Solid | 5035 | |
| 880-68637-1 MSD | CS-1 (15') | Total/NA | Solid | 5035 | |

### Analysis Batch: 132652

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68637-21 | CS-21 (6') | Total/NA | Solid | 8021B | 132672 |
| 880-68637-22 | CS-22 (6') | Total/NA | Solid | 8021B | 132672 |
| 880-68637-23 | CS-23 (6') | Total/NA | Solid | 8021B | 132672 |
| 880-68637-24 | CS-24 (6') | Total/NA | Solid | 8021B | 132672 |
| 880-68637-25 | CS-25 (6') | Total/NA | Solid | 8021B | 132672 |
| 880-68637-26 | CS-26 (6') | Total/NA | Solid | 8021B | 132672 |
| 880-68637-27 | CS-27 (6') | Total/NA | Solid | 8021B | 132672 |
| 880-68637-28 | CS-28 (6') | Total/NA | Solid | 8021B | 132672 |
| 880-68637-29 | CS-29 (6') | Total/NA | Solid | 8021B | 132672 |
| 880-68637-30 | CS-30 (6') | Total/NA | Solid | 8021B | 132672 |
| 880-68637-31 | CS-31 (6') | Total/NA | Solid | 8021B | 132672 |
| 880-68637-32 | CS-32 (6') | Total/NA | Solid | 8021B | 132672 |
| 880-68637-33 | CS-33 (6') | Total/NA | Solid | 8021B | 132672 |
| 880-68637-34 | CS-34 (6') | Total/NA | Solid | 8021B | 132672 |
| MB 880-132672/5-A | Method Blank | Total/NA | Solid | 8021B | 132672 |
| LCS 880-132672/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 132672 |
| LCSD 880-132672/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 132672 |
| 880-68637-21 MS | CS-21 (6') | Total/NA | Solid | 8021B | 132672 |
| 880-68637-21 MSD | CS-21 (6') | Total/NA | Solid | 8021B | 132672 |

### Prep Batch: 132672

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68637-21 | CS-21 (6') | Total/NA | Solid | 5035 | |
| 880-68637-22 | CS-22 (6') | Total/NA | Solid | 5035 | |
| 880-68637-23 | CS-23 (6') | Total/NA | Solid | 5035 | |
| 880-68637-24 | CS-24 (6') | Total/NA | Solid | 5035 | |
| 880-68637-25 | CS-25 (6') | Total/NA | Solid | 5035 | |
| 880-68637-26 | CS-26 (6') | Total/NA | Solid | 5035 | |
| 880-68637-27 | CS-27 (6') | Total/NA | Solid | 5035 | |
| 880-68637-28 | CS-28 (6') | Total/NA | Solid | 5035 | |
| 880-68637-29 | CS-29 (6') | Total/NA | Solid | 5035 | |
| 880-68637-30 | CS-30 (6') | Total/NA | Solid | 5035 | |
| 880-68637-31 | CS-31 (6') | Total/NA | Solid | 5035 | |
| 880-68637-32 | CS-32 (6') | Total/NA | Solid | 5035 | |
| 880-68637-33 | CS-33 (6') | Total/NA | Solid | 5035 | |
| 880-68637-34 | CS-34 (6') | Total/NA | Solid | 5035 | |
| MB 880-132672/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-132672/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-132672/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-68637-21 MS | CS-21 (6') | Total/NA | Solid | 5035 | |
| 880-68637-21 MSD | CS-21 (6') | Total/NA | Solid | 5035 | |

### Analysis Batch: 132756

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68637-1 | CS-1 (15') | Total/NA | Solid | Total BTEX | |
| 880-68637-2 | CS-2 (15') | Total/NA | Solid | Total BTEX | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## GC VOA (Continued)

### Analysis Batch: 132756 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68637-3 | CS-3 (15') | Total/NA | Solid | Total BTEX | |
| 880-68637-4 | CS-4 (15') | Total/NA | Solid | Total BTEX | |
| 880-68637-5 | CS-5 (15') | Total/NA | Solid | Total BTEX | |
| 880-68637-6 | CS-6 (15') | Total/NA | Solid | Total BTEX | |
| 880-68637-7 | CS-7 (15') | Total/NA | Solid | Total BTEX | |
| 880-68637-8 | CS-8 (15') | Total/NA | Solid | Total BTEX | |
| 880-68637-9 | CS-9 (15') | Total/NA | Solid | Total BTEX | |
| 880-68637-10 | CS-10 (15') | Total/NA | Solid | Total BTEX | |
| 880-68637-11 | CS-11 (15') | Total/NA | Solid | Total BTEX | |
| 880-68637-12 | CS-12 (15') | Total/NA | Solid | Total BTEX | |
| 880-68637-13 | CS-13 (15') | Total/NA | Solid | Total BTEX | |
| 880-68637-14 | CS-14 (15') | Total/NA | Solid | Total BTEX | |
| 880-68637-15 | CS-15 (15') | Total/NA | Solid | Total BTEX | |
| 880-68637-16 | CS-16 (15') | Total/NA | Solid | Total BTEX | |
| 880-68637-17 | CS-17 (15') | Total/NA | Solid | Total BTEX | |
| 880-68637-18 | CS-18 (6') | Total/NA | Solid | Total BTEX | |
| 880-68637-19 | CS-19 (6') | Total/NA | Solid | Total BTEX | |
| 880-68637-20 | CS-20 (6') | Total/NA | Solid | Total BTEX | |
| 880-68637-21 | CS-21 (6') | Total/NA | Solid | Total BTEX | |
| 880-68637-22 | CS-22 (6') | Total/NA | Solid | Total BTEX | |
| 880-68637-23 | CS-23 (6') | Total/NA | Solid | Total BTEX | |
| 880-68637-24 | CS-24 (6') | Total/NA | Solid | Total BTEX | |
| 880-68637-25 | CS-25 (6') | Total/NA | Solid | Total BTEX | |
| 880-68637-26 | CS-26 (6') | Total/NA | Solid | Total BTEX | |
| 880-68637-27 | CS-27 (6') | Total/NA | Solid | Total BTEX | |
| 880-68637-28 | CS-28 (6') | Total/NA | Solid | Total BTEX | |
| 880-68637-29 | CS-29 (6') | Total/NA | Solid | Total BTEX | |
| 880-68637-30 | CS-30 (6') | Total/NA | Solid | Total BTEX | |
| 880-68637-31 | CS-31 (6') | Total/NA | Solid | Total BTEX | |
| 880-68637-32 | CS-32 (6') | Total/NA | Solid | Total BTEX | |
| 880-68637-33 | CS-33 (6') | Total/NA | Solid | Total BTEX | |
| 880-68637-34 | CS-34 (6') | Total/NA | Solid | Total BTEX | |

## GC Semi VOA

### Prep Batch: 132595

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68637-31 | CS-31 (6') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-32 | CS-32 (6') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-33 | CS-33 (6') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-34 | CS-34 (6') | Total/NA | Solid | 8015NM Prep | |
| MB 880-132595/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-132595/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-132595/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-68633-A-1-B MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-68633-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 132618

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68637-1 | CS-1 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-2 | CS-2 (15') | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## GC Semi VOA (Continued)

### Prep Batch: 132618 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68637-3 | CS-3 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-4 | CS-4 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-5 | CS-5 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-6 | CS-6 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-7 | CS-7 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-8 | CS-8 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-9 | CS-9 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-10 | CS-10 (15') | Total/NA | Solid | 8015NM Prep | |
| MB 880-132618/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-132618/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-132618/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-68635-A-12-C MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-68635-A-12-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 132619

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68637-11 | CS-11 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-12 | CS-12 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-13 | CS-13 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-14 | CS-14 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-15 | CS-15 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-16 | CS-16 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-17 | CS-17 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-18 | CS-18 (6') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-19 | CS-19 (6') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-20 | CS-20 (6') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-21 | CS-21 (6') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-22 | CS-22 (6') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-23 | CS-23 (6') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-24 | CS-24 (6') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-25 | CS-25 (6') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-26 | CS-26 (6') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-27 | CS-27 (6') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-28 | CS-28 (6') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-29 | CS-29 (6') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-30 | CS-30 (6') | Total/NA | Solid | 8015NM Prep | |
| MB 880-132619/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-132619/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-132619/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-68637-11 MS | CS-11 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68637-11 MSD | CS-11 (15') | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 132645

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68637-31 | CS-31 (6') | Total/NA | Solid | 8015B NM | 132595 |
| 880-68637-32 | CS-32 (6') | Total/NA | Solid | 8015B NM | 132595 |
| 880-68637-33 | CS-33 (6') | Total/NA | Solid | 8015B NM | 132595 |
| 880-68637-34 | CS-34 (6') | Total/NA | Solid | 8015B NM | 132595 |
| MB 880-132595/1-A | Method Blank | Total/NA | Solid | 8015B NM | 132595 |
| LCS 880-132595/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 132595 |
| LCSD 880-132595/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 132595 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## GC Semi VOA (Continued)

### Analysis Batch: 132645 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68633-A-1-B MS | Matrix Spike | Total/NA | Solid | 8015B NM | 132595 |
| 880-68633-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 132595 |

### Analysis Batch: 132647

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68637-1 | CS-1 (15') | Total/NA | Solid | 8015B NM | 132618 |
| 880-68637-2 | CS-2 (15') | Total/NA | Solid | 8015B NM | 132618 |
| 880-68637-3 | CS-3 (15') | Total/NA | Solid | 8015B NM | 132618 |
| 880-68637-4 | CS-4 (15') | Total/NA | Solid | 8015B NM | 132618 |
| 880-68637-5 | CS-5 (15') | Total/NA | Solid | 8015B NM | 132618 |
| 880-68637-6 | CS-6 (15') | Total/NA | Solid | 8015B NM | 132618 |
| 880-68637-7 | CS-7 (15') | Total/NA | Solid | 8015B NM | 132618 |
| 880-68637-8 | CS-8 (15') | Total/NA | Solid | 8015B NM | 132618 |
| 880-68637-9 | CS-9 (15') | Total/NA | Solid | 8015B NM | 132618 |
| 880-68637-10 | CS-10 (15') | Total/NA | Solid | 8015B NM | 132618 |
| MB 880-132618/1-A | Method Blank | Total/NA | Solid | 8015B NM | 132618 |
| LCS 880-132618/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 132618 |
| LCSD 880-132618/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 132618 |
| 880-68635-A-12-C MS | Matrix Spike | Total/NA | Solid | 8015B NM | 132618 |
| 880-68635-A-12-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 132618 |

### Analysis Batch: 132650

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68637-11 | CS-11 (15') | Total/NA | Solid | 8015B NM | 132619 |
| 880-68637-12 | CS-12 (15') | Total/NA | Solid | 8015B NM | 132619 |
| 880-68637-13 | CS-13 (15') | Total/NA | Solid | 8015B NM | 132619 |
| 880-68637-14 | CS-14 (15') | Total/NA | Solid | 8015B NM | 132619 |
| 880-68637-15 | CS-15 (15') | Total/NA | Solid | 8015B NM | 132619 |
| 880-68637-16 | CS-16 (15') | Total/NA | Solid | 8015B NM | 132619 |
| 880-68637-17 | CS-17 (15') | Total/NA | Solid | 8015B NM | 132619 |
| 880-68637-18 | CS-18 (6') | Total/NA | Solid | 8015B NM | 132619 |
| 880-68637-19 | CS-19 (6') | Total/NA | Solid | 8015B NM | 132619 |
| 880-68637-20 | CS-20 (6') | Total/NA | Solid | 8015B NM | 132619 |
| 880-68637-21 | CS-21 (6') | Total/NA | Solid | 8015B NM | 132619 |
| 880-68637-22 | CS-22 (6') | Total/NA | Solid | 8015B NM | 132619 |
| 880-68637-23 | CS-23 (6') | Total/NA | Solid | 8015B NM | 132619 |
| 880-68637-24 | CS-24 (6') | Total/NA | Solid | 8015B NM | 132619 |
| 880-68637-25 | CS-25 (6') | Total/NA | Solid | 8015B NM | 132619 |
| 880-68637-26 | CS-26 (6') | Total/NA | Solid | 8015B NM | 132619 |
| 880-68637-27 | CS-27 (6') | Total/NA | Solid | 8015B NM | 132619 |
| 880-68637-28 | CS-28 (6') | Total/NA | Solid | 8015B NM | 132619 |
| 880-68637-29 | CS-29 (6') | Total/NA | Solid | 8015B NM | 132619 |
| 880-68637-30 | CS-30 (6') | Total/NA | Solid | 8015B NM | 132619 |
| MB 880-132619/1-A | Method Blank | Total/NA | Solid | 8015B NM | 132619 |
| LCS 880-132619/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 132619 |
| LCSD 880-132619/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 132619 |
| 880-68637-11 MS | CS-11 (15') | Total/NA | Solid | 8015B NM | 132619 |
| 880-68637-11 MSD | CS-11 (15') | Total/NA | Solid | 8015B NM | 132619 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## GC Semi VOA

### Analysis Batch: 132763

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68637-1 | CS-1 (15') | Total/NA | Solid | 8015 NM | |
| 880-68637-2 | CS-2 (15') | Total/NA | Solid | 8015 NM | |
| 880-68637-3 | CS-3 (15') | Total/NA | Solid | 8015 NM | |
| 880-68637-4 | CS-4 (15') | Total/NA | Solid | 8015 NM | |
| 880-68637-5 | CS-5 (15') | Total/NA | Solid | 8015 NM | |
| 880-68637-6 | CS-6 (15') | Total/NA | Solid | 8015 NM | |
| 880-68637-7 | CS-7 (15') | Total/NA | Solid | 8015 NM | |
| 880-68637-8 | CS-8 (15') | Total/NA | Solid | 8015 NM | |
| 880-68637-9 | CS-9 (15') | Total/NA | Solid | 8015 NM | |
| 880-68637-10 | CS-10 (15') | Total/NA | Solid | 8015 NM | |
| 880-68637-11 | CS-11 (15') | Total/NA | Solid | 8015 NM | |
| 880-68637-12 | CS-12 (15') | Total/NA | Solid | 8015 NM | |
| 880-68637-13 | CS-13 (15') | Total/NA | Solid | 8015 NM | |
| 880-68637-14 | CS-14 (15') | Total/NA | Solid | 8015 NM | |
| 880-68637-15 | CS-15 (15') | Total/NA | Solid | 8015 NM | |
| 880-68637-16 | CS-16 (15') | Total/NA | Solid | 8015 NM | |
| 880-68637-17 | CS-17 (15') | Total/NA | Solid | 8015 NM | |
| 880-68637-18 | CS-18 (6') | Total/NA | Solid | 8015 NM | |
| 880-68637-19 | CS-19 (6') | Total/NA | Solid | 8015 NM | |
| 880-68637-20 | CS-20 (6') | Total/NA | Solid | 8015 NM | |
| 880-68637-21 | CS-21 (6') | Total/NA | Solid | 8015 NM | |
| 880-68637-22 | CS-22 (6') | Total/NA | Solid | 8015 NM | |
| 880-68637-23 | CS-23 (6') | Total/NA | Solid | 8015 NM | |
| 880-68637-24 | CS-24 (6') | Total/NA | Solid | 8015 NM | |
| 880-68637-25 | CS-25 (6') | Total/NA | Solid | 8015 NM | |
| 880-68637-26 | CS-26 (6') | Total/NA | Solid | 8015 NM | |
| 880-68637-27 | CS-27 (6') | Total/NA | Solid | 8015 NM | |
| 880-68637-28 | CS-28 (6') | Total/NA | Solid | 8015 NM | |
| 880-68637-29 | CS-29 (6') | Total/NA | Solid | 8015 NM | |
| 880-68637-30 | CS-30 (6') | Total/NA | Solid | 8015 NM | |
| 880-68637-31 | CS-31 (6') | Total/NA | Solid | 8015 NM | |
| 880-68637-32 | CS-32 (6') | Total/NA | Solid | 8015 NM | |
| 880-68637-33 | CS-33 (6') | Total/NA | Solid | 8015 NM | |
| 880-68637-34 | CS-34 (6') | Total/NA | Solid | 8015 NM | |

## HPLC/IC

### Leach Batch: 132627

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68637-1 | CS-1 (15') | Soluble | Solid | DI Leach | |
| 880-68637-2 | CS-2 (15') | Soluble | Solid | DI Leach | |
| 880-68637-3 | CS-3 (15') | Soluble | Solid | DI Leach | |
| 880-68637-4 | CS-4 (15') | Soluble | Solid | DI Leach | |
| 880-68637-5 | CS-5 (15') | Soluble | Solid | DI Leach | |
| 880-68637-6 | CS-6 (15') | Soluble | Solid | DI Leach | |
| 880-68637-7 | CS-7 (15') | Soluble | Solid | DI Leach | |
| 880-68637-8 | CS-8 (15') | Soluble | Solid | DI Leach | |
| 880-68637-9 | CS-9 (15') | Soluble | Solid | DI Leach | |
| 880-68637-10 | CS-10 (15') | Soluble | Solid | DI Leach | |
| 880-68637-11 | CS-11 (15') | Soluble | Solid | DI Leach | |
| 880-68637-12 | CS-12 (15') | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## HPLC/IC (Continued)

### Leach Batch: 132627 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68637-13 | CS-13 (15') | Soluble | Solid | DI Leach | |
| 880-68637-14 | CS-14 (15') | Soluble | Solid | DI Leach | |
| 880-68637-15 | CS-15 (15') | Soluble | Solid | DI Leach | |
| 880-68637-16 | CS-16 (15') | Soluble | Solid | DI Leach | |
| 880-68637-17 | CS-17 (15') | Soluble | Solid | DI Leach | |
| 880-68637-18 | CS-18 (6') | Soluble | Solid | DI Leach | |
| 880-68637-19 | CS-19 (6') | Soluble | Solid | DI Leach | |
| 880-68637-20 | CS-20 (6') | Soluble | Solid | DI Leach | |
| MB 880-132627/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-132627/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-132627/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-68637-1 MS | CS-1 (15') | Soluble | Solid | DI Leach | |
| 880-68637-1 MSD | CS-1 (15') | Soluble | Solid | DI Leach | |
| 880-68637-11 MS | CS-11 (15') | Soluble | Solid | DI Leach | |
| 880-68637-11 MSD | CS-11 (15') | Soluble | Solid | DI Leach | |

### Leach Batch: 132628

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68637-21 | CS-21 (6') | Soluble | Solid | DI Leach | |
| 880-68637-22 | CS-22 (6') | Soluble | Solid | DI Leach | |
| 880-68637-23 | CS-23 (6') | Soluble | Solid | DI Leach | |
| 880-68637-24 | CS-24 (6') | Soluble | Solid | DI Leach | |
| 880-68637-25 | CS-25 (6') | Soluble | Solid | DI Leach | |
| 880-68637-26 | CS-26 (6') | Soluble | Solid | DI Leach | |
| 880-68637-27 | CS-27 (6') | Soluble | Solid | DI Leach | |
| 880-68637-28 | CS-28 (6') | Soluble | Solid | DI Leach | |
| 880-68637-29 | CS-29 (6') | Soluble | Solid | DI Leach | |
| 880-68637-30 | CS-30 (6') | Soluble | Solid | DI Leach | |
| 880-68637-31 | CS-31 (6') | Soluble | Solid | DI Leach | |
| 880-68637-32 | CS-32 (6') | Soluble | Solid | DI Leach | |
| 880-68637-33 | CS-33 (6') | Soluble | Solid | DI Leach | |
| 880-68637-34 | CS-34 (6') | Soluble | Solid | DI Leach | |
| MB 880-132628/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-132628/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-132628/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-68637-21 MS | CS-21 (6') | Soluble | Solid | DI Leach | |
| 880-68637-21 MSD | CS-21 (6') | Soluble | Solid | DI Leach | |
| 880-68637-31 MS | CS-31 (6') | Soluble | Solid | DI Leach | |
| 880-68637-31 MSD | CS-31 (6') | Soluble | Solid | DI Leach | |

### Analysis Batch: 132670

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68637-1 | CS-1 (15') | Soluble | Solid | 300.0 | 132627 |
| 880-68637-2 | CS-2 (15') | Soluble | Solid | 300.0 | 132627 |
| 880-68637-3 | CS-3 (15') | Soluble | Solid | 300.0 | 132627 |
| 880-68637-4 | CS-4 (15') | Soluble | Solid | 300.0 | 132627 |
| 880-68637-5 | CS-5 (15') | Soluble | Solid | 300.0 | 132627 |
| 880-68637-6 | CS-6 (15') | Soluble | Solid | 300.0 | 132627 |
| 880-68637-7 | CS-7 (15') | Soluble | Solid | 300.0 | 132627 |
| 880-68637-8 | CS-8 (15') | Soluble | Solid | 300.0 | 132627 |
| 880-68637-9 | CS-9 (15') | Soluble | Solid | 300.0 | 132627 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## HPLC/IC (Continued)

### Analysis Batch: 132670 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68637-10 | CS-10 (15') | Soluble | Solid | 300.0 | 132627 |
| 880-68637-11 | CS-11 (15') | Soluble | Solid | 300.0 | 132627 |
| 880-68637-12 | CS-12 (15') | Soluble | Solid | 300.0 | 132627 |
| 880-68637-13 | CS-13 (15') | Soluble | Solid | 300.0 | 132627 |
| 880-68637-14 | CS-14 (15') | Soluble | Solid | 300.0 | 132627 |
| 880-68637-15 | CS-15 (15') | Soluble | Solid | 300.0 | 132627 |
| 880-68637-16 | CS-16 (15') | Soluble | Solid | 300.0 | 132627 |
| 880-68637-17 | CS-17 (15') | Soluble | Solid | 300.0 | 132627 |
| 880-68637-18 | CS-18 (6') | Soluble | Solid | 300.0 | 132627 |
| 880-68637-19 | CS-19 (6') | Soluble | Solid | 300.0 | 132627 |
| 880-68637-20 | CS-20 (6') | Soluble | Solid | 300.0 | 132627 |
| MB 880-132627/1-A | Method Blank | Soluble | Solid | 300.0 | 132627 |
| LCS 880-132627/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 132627 |
| LCSD 880-132627/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 132627 |
| 880-68637-1 MS | CS-1 (15') | Soluble | Solid | 300.0 | 132627 |
| 880-68637-1 MSD | CS-1 (15') | Soluble | Solid | 300.0 | 132627 |
| 880-68637-11 MS | CS-11 (15') | Soluble | Solid | 300.0 | 132627 |
| 880-68637-11 MSD | CS-11 (15') | Soluble | Solid | 300.0 | 132627 |

### Analysis Batch: 132693

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68637-21 | CS-21 (6') | Soluble | Solid | 300.0 | 132628 |
| 880-68637-22 | CS-22 (6') | Soluble | Solid | 300.0 | 132628 |
| 880-68637-23 | CS-23 (6') | Soluble | Solid | 300.0 | 132628 |
| 880-68637-24 | CS-24 (6') | Soluble | Solid | 300.0 | 132628 |
| 880-68637-25 | CS-25 (6') | Soluble | Solid | 300.0 | 132628 |
| 880-68637-26 | CS-26 (6') | Soluble | Solid | 300.0 | 132628 |
| 880-68637-27 | CS-27 (6') | Soluble | Solid | 300.0 | 132628 |
| 880-68637-28 | CS-28 (6') | Soluble | Solid | 300.0 | 132628 |
| 880-68637-29 | CS-29 (6') | Soluble | Solid | 300.0 | 132628 |
| 880-68637-30 | CS-30 (6') | Soluble | Solid | 300.0 | 132628 |
| 880-68637-31 | CS-31 (6') | Soluble | Solid | 300.0 | 132628 |
| 880-68637-32 | CS-32 (6') | Soluble | Solid | 300.0 | 132628 |
| 880-68637-33 | CS-33 (6') | Soluble | Solid | 300.0 | 132628 |
| 880-68637-34 | CS-34 (6') | Soluble | Solid | 300.0 | 132628 |
| MB 880-132628/1-A | Method Blank | Soluble | Solid | 300.0 | 132628 |
| LCS 880-132628/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 132628 |
| LCSD 880-132628/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 132628 |
| 880-68637-21 MS | CS-21 (6') | Soluble | Solid | 300.0 | 132628 |
| 880-68637-21 MSD | CS-21 (6') | Soluble | Solid | 300.0 | 132628 |
| 880-68637-31 MS | CS-31 (6') | Soluble | Solid | 300.0 | 132628 |
| 880-68637-31 MSD | CS-31 (6') | Soluble | Solid | 300.0 | 132628 |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-1 (15')

**Lab Sample ID: 880-68637-1**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132651 | 02/21/26 08:37 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132638 | 02/21/26 22:57 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/21/26 22:57 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 21:16 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 132618 | 02/20/26 16:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132647 | 02/23/26 21:16 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 132627 | 02/20/26 17:49 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132670 | 02/23/26 17:14 | CS | EET MID |

## Client Sample ID: CS-2 (15')

**Lab Sample ID: 880-68637-2**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132651 | 02/21/26 08:37 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132638 | 02/21/26 23:17 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/21/26 23:17 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 21:31 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132618 | 02/20/26 16:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132647 | 02/23/26 21:31 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 132627 | 02/20/26 17:49 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132670 | 02/23/26 17:34 | CS | EET MID |

## Client Sample ID: CS-3 (15')

**Lab Sample ID: 880-68637-3**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132651 | 02/21/26 08:37 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132638 | 02/21/26 23:38 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/21/26 23:38 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 21:45 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10.00 mL | 132618 | 02/20/26 16:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132647 | 02/23/26 21:45 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 132627 | 02/20/26 17:49 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132670 | 02/23/26 17:41 | CS | EET MID |

## Client Sample ID: CS-4 (15')

**Lab Sample ID: 880-68637-4**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132651 | 02/21/26 08:37 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132638 | 02/21/26 23:58 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/21/26 23:58 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-4 (15')
**Lab Sample ID: 880-68637-4**
**Date Collected: 02/20/26 00:00**
**Matrix: Solid**
**Date Received: 02/20/26 11:54**

| 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 | | | 132763 | 02/23/26 22:01 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 132618 | 02/20/26 16:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132647 | 02/23/26 22:01 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 132627 | 02/20/26 17:49 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132670 | 02/23/26 17:48 | CS | EET MID |

## Client Sample ID: CS-5 (15')
**Lab Sample ID: 880-68637-5**
**Date Collected: 02/20/26 00:00**
**Matrix: Solid**
**Date Received: 02/20/26 11:54**

| 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 | 132651 | 02/21/26 08:37 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132638 | 02/22/26 00:19 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/22/26 00:19 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 22:15 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132618 | 02/20/26 16:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132647 | 02/23/26 22:15 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 132627 | 02/20/26 17:49 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132670 | 02/23/26 17:54 | CS | EET MID |

## Client Sample ID: CS-6 (15')
**Lab Sample ID: 880-68637-6**
**Date Collected: 02/20/26 00:00**
**Matrix: Solid**
**Date Received: 02/20/26 11:54**

| 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 | 132651 | 02/21/26 08:37 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132638 | 02/22/26 00:39 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/22/26 00:39 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 22:30 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132618 | 02/20/26 16:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132647 | 02/23/26 22:30 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 132627 | 02/20/26 17:49 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132670 | 02/23/26 18:14 | CS | EET MID |

## Client Sample ID: CS-7 (15')
**Lab Sample ID: 880-68637-7**
**Date Collected: 02/20/26 00:00**
**Matrix: Solid**
**Date Received: 02/20/26 11:54**

| 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 | 132651 | 02/21/26 08:37 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132638 | 02/22/26 00:59 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/22/26 00:59 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 22:45 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 132618 | 02/20/26 16:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132647 | 02/23/26 22:45 | FC | EET MID |

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# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-7 (15')

**Lab Sample ID: 880-68637-7**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 132627 | 02/20/26 17:49 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132670 | 02/23/26 18:21 | CS | EET MID |

## Client Sample ID: CS-8 (15')

**Lab Sample ID: 880-68637-8**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132651 | 02/21/26 08:37 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132638 | 02/22/26 01:20 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/22/26 01:20 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 23:00 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132618 | 02/20/26 16:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132647 | 02/23/26 23:00 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 132627 | 02/20/26 17:49 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132670 | 02/23/26 18:28 | CS | EET MID |

## Client Sample ID: CS-9 (15')

**Lab Sample ID: 880-68637-9**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132651 | 02/21/26 08:37 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132638 | 02/22/26 01:40 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/22/26 01:40 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 23:14 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 132618 | 02/20/26 16:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132647 | 02/23/26 23:14 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 132627 | 02/20/26 17:49 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132670 | 02/23/26 18:35 | CS | EET MID |

## Client Sample ID: CS-10 (15')

**Lab Sample ID: 880-68637-10**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132651 | 02/21/26 08:37 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132638 | 02/22/26 02:01 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/22/26 02:01 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 23:29 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132618 | 02/20/26 16:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132647 | 02/23/26 23:29 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 132627 | 02/20/26 17:49 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132670 | 02/23/26 18:41 | CS | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-11 (15')

**Lab Sample ID: 880-68637-11**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132651 | 02/21/26 08:37 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132638 | 02/22/26 03:33 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/22/26 03:33 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 18:04 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 132619 | 02/20/26 16:54 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132650 | 02/23/26 18:04 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 132627 | 02/20/26 17:49 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132670 | 02/23/26 18:48 | CS | EET MID |

## Client Sample ID: CS-12 (15')

**Lab Sample ID: 880-68637-12**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132651 | 02/21/26 08:37 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132638 | 02/22/26 03:54 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/22/26 03:54 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 18:48 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132619 | 02/20/26 16:54 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132650 | 02/23/26 18:48 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 132627 | 02/20/26 17:49 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132670 | 02/23/26 19:08 | CS | EET MID |

## Client Sample ID: CS-13 (15')

**Lab Sample ID: 880-68637-13**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132651 | 02/21/26 08:37 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132638 | 02/22/26 04:14 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/22/26 04:14 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 19:03 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 132619 | 02/20/26 16:54 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132650 | 02/23/26 19:03 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 132627 | 02/20/26 17:49 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132670 | 02/23/26 19:15 | CS | EET MID |

## Client Sample ID: CS-14 (15')

**Lab Sample ID: 880-68637-14**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132651 | 02/21/26 08:37 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132638 | 02/22/26 04:35 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/22/26 04:35 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-14 (15')

**Lab Sample ID: 880-68637-14**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | | | 132763 | 02/23/26 19:17 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 132619 | 02/20/26 16:54 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132650 | 02/23/26 19:17 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 132627 | 02/20/26 17:49 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132670 | 02/23/26 19:35 | CS | EET MID |

## Client Sample ID: CS-15 (15')

**Lab Sample ID: 880-68637-15**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132651 | 02/21/26 08:37 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132638 | 02/22/26 04:55 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/22/26 04:55 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 19:32 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132619 | 02/20/26 16:54 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132650 | 02/23/26 19:32 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 132627 | 02/20/26 17:49 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132670 | 02/23/26 19:42 | CS | EET MID |

## Client Sample ID: CS-16 (15')

**Lab Sample ID: 880-68637-16**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132651 | 02/21/26 08:37 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132638 | 02/22/26 05:15 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/22/26 05:15 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 19:47 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 132619 | 02/20/26 16:54 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132650 | 02/23/26 19:47 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 132627 | 02/20/26 17:49 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132670 | 02/23/26 19:48 | CS | EET MID |

## Client Sample ID: CS-17 (15')

**Lab Sample ID: 880-68637-17**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132651 | 02/21/26 08:37 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132638 | 02/22/26 05:36 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/22/26 05:36 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 20:02 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 132619 | 02/20/26 16:54 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132650 | 02/23/26 20:02 | SA | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-17 (15')

**Lab Sample ID: 880-68637-17**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132627 | 02/20/26 17:49 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132670 | 02/23/26 19:55 | CS | EET MID |

## Client Sample ID: CS-18 (6')

**Lab Sample ID: 880-68637-18**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132651 | 02/21/26 08:37 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132638 | 02/22/26 05:56 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/22/26 05:56 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 20:17 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132619 | 02/20/26 16:54 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132650 | 02/23/26 20:17 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 132627 | 02/20/26 17:49 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132670 | 02/23/26 20:02 | CS | EET MID |

## Client Sample ID: CS-19 (6')

**Lab Sample ID: 880-68637-19**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132651 | 02/21/26 08:37 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132638 | 02/22/26 06:17 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/22/26 06:17 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 20:31 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 132619 | 02/20/26 16:54 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132650 | 02/23/26 20:31 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 132627 | 02/20/26 17:49 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132670 | 02/23/26 20:08 | CS | EET MID |

## Client Sample ID: CS-20 (6')

**Lab Sample ID: 880-68637-20**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132651 | 02/21/26 08:37 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132638 | 02/22/26 06:37 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/22/26 06:37 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 20:46 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 132619 | 02/20/26 16:54 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132650 | 02/23/26 20:46 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 132627 | 02/20/26 17:49 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132670 | 02/23/26 20:15 | CS | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-21 (6')

**Lab Sample ID: 880-68637-21**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132672 | 02/23/26 10:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132652 | 02/23/26 12:27 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/23/26 12:27 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 21:16 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132619 | 02/20/26 16:54 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132650 | 02/23/26 21:16 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 132628 | 02/20/26 17:52 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132693 | 02/23/26 21:09 | CS | EET MID |

## Client Sample ID: CS-22 (6')

**Lab Sample ID: 880-68637-22**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132672 | 02/23/26 10:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132652 | 02/23/26 12:47 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/23/26 12:47 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 21:31 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10.00 mL | 132619 | 02/20/26 16:54 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132650 | 02/23/26 21:31 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 132628 | 02/20/26 17:52 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132693 | 02/23/26 21:29 | CS | EET MID |

## Client Sample ID: CS-23 (6')

**Lab Sample ID: 880-68637-23**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132672 | 02/23/26 10:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132652 | 02/23/26 13:08 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/23/26 13:08 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 21:45 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10.00 mL | 132619 | 02/20/26 16:54 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132650 | 02/23/26 21:45 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 132628 | 02/20/26 17:52 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132693 | 02/23/26 21:36 | CS | EET MID |

## Client Sample ID: CS-24 (6')

**Lab Sample ID: 880-68637-24**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132672 | 02/23/26 10:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132652 | 02/23/26 13:28 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/23/26 13:28 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-24 (6')

**Lab Sample ID: 880-68637-24**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | | | 132763 | 02/23/26 22:01 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 132619 | 02/20/26 16:54 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132650 | 02/23/26 22:01 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 132628 | 02/20/26 17:52 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132693 | 02/23/26 21:42 | CS | EET MID |

## Client Sample ID: CS-25 (6')

**Lab Sample ID: 880-68637-25**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132672 | 02/23/26 10:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132652 | 02/23/26 13:49 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/23/26 13:49 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 22:15 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10.00 mL | 132619 | 02/20/26 16:54 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132650 | 02/23/26 22:15 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 132628 | 02/20/26 17:52 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132693 | 02/23/26 21:49 | CS | EET MID |

## Client Sample ID: CS-26 (6')

**Lab Sample ID: 880-68637-26**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132672 | 02/23/26 10:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132652 | 02/23/26 14:09 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/23/26 14:09 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 22:30 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 132619 | 02/20/26 16:54 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132650 | 02/23/26 22:30 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 132628 | 02/20/26 17:52 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132693 | 02/23/26 22:09 | CS | EET MID |

## Client Sample ID: CS-27 (6')

**Lab Sample ID: 880-68637-27**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132672 | 02/23/26 10:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132652 | 02/23/26 14:30 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/23/26 14:30 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 22:45 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132619 | 02/20/26 16:54 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132650 | 02/23/26 22:45 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-27 (6')

**Lab Sample ID: 880-68637-27**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 132628 | 02/20/26 17:52 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132693 | 02/23/26 22:16 | CS | EET MID |

## Client Sample ID: CS-28 (6')

**Lab Sample ID: 880-68637-28**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132672 | 02/23/26 10:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132652 | 02/23/26 14:50 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/23/26 14:50 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 23:00 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 132619 | 02/20/26 16:54 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132650 | 02/23/26 23:00 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 132628 | 02/20/26 17:52 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132693 | 02/23/26 22:23 | CS | EET MID |

## Client Sample ID: CS-29 (6')

**Lab Sample ID: 880-68637-29**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132672 | 02/23/26 10:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132652 | 02/23/26 15:10 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/23/26 15:10 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 23:14 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132619 | 02/20/26 16:54 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132650 | 02/23/26 23:14 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 132628 | 02/20/26 17:52 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132693 | 02/23/26 22:29 | CS | EET MID |

## Client Sample ID: CS-30 (6')

**Lab Sample ID: 880-68637-30**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132672 | 02/23/26 10:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132652 | 02/23/26 15:31 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/23/26 15:31 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 23:29 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 132619 | 02/20/26 16:54 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132650 | 02/23/26 23:29 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 132628 | 02/20/26 17:52 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132693 | 02/23/26 22:36 | CS | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-31 (6')

**Lab Sample ID: 880-68637-31**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132672 | 02/23/26 10:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132652 | 02/23/26 17:04 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/23/26 17:04 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 15:12 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132595 | 02/20/26 15:26 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132645 | 02/23/26 15:12 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 132628 | 02/20/26 17:52 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132693 | 02/23/26 22:43 | CS | EET MID |

## Client Sample ID: CS-32 (6')

**Lab Sample ID: 880-68637-32**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132672 | 02/23/26 10:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132652 | 02/23/26 17:25 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/23/26 17:25 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 15:25 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 132595 | 02/20/26 15:26 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132645 | 02/23/26 15:25 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 132628 | 02/20/26 17:52 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132693 | 02/23/26 23:03 | CS | EET MID |

## Client Sample ID: CS-33 (6')

**Lab Sample ID: 880-68637-33**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132672 | 02/23/26 10:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132652 | 02/23/26 17:45 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/23/26 17:45 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132763 | 02/23/26 15:40 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 132595 | 02/20/26 15:26 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132645 | 02/23/26 15:40 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 132628 | 02/20/26 17:52 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132693 | 02/23/26 23:09 | CS | EET MID |

## Client Sample ID: CS-34 (6')

**Lab Sample ID: 880-68637-34**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

| 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 | 132672 | 02/23/26 10:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132652 | 02/23/26 18:06 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132756 | 02/23/26 18:06 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Client Sample ID: CS-34 (6')

**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 11:54**

## Lab Sample ID: 880-68637-34

**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 | | | 132763 | 02/23/26 15:54 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132595 | 02/20/26 15:26 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132645 | 02/23/26 15:54 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 132628 | 02/20/26 17:52 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132693 | 02/23/26 23:30 | CS | EET MID |

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

## Laboratory: Eurofins Midland

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

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| Texas | NELAP | T104704400 | 06-30-26 |

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

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

# Method Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68637-1
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: Riser 121 (06.29.2025)

Job ID: 880-68637-1
SDG: Lea County New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 880-68637-1 | CS-1 (15') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-2 | CS-2 (15') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-3 | CS-3 (15') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-4 | CS-4 (15') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-5 | CS-5 (15') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-6 | CS-6 (15') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-7 | CS-7 (15') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-8 | CS-8 (15') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-9 | CS-9 (15') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-10 | CS-10 (15') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-11 | CS-11 (15') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-12 | CS-12 (15') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-13 | CS-13 (15') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-14 | CS-14 (15') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-15 | CS-15 (15') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-16 | CS-16 (15') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-17 | CS-17 (15') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-18 | CS-18 (6') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-19 | CS-19 (6') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-20 | CS-20 (6') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-21 | CS-21 (6') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-22 | CS-22 (6') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-23 | CS-23 (6') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-24 | CS-24 (6') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-25 | CS-25 (6') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-26 | CS-26 (6') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-27 | CS-27 (6') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-28 | CS-28 (6') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-29 | CS-29 (6') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-30 | CS-30 (6') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-31 | CS-31 (6') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-32 | CS-32 (6') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-33 | CS-33 (6') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |
| 880-68637-34 | CS-34 (6') | Solid | 02/20/26 00:00 | 02/20/26 11:54 | New Mexico |

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# Chain of Custody

880-68637 Chain of Custody

2/24/2026

Page ___1___ of ___4___

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | ☐ Routine ☑ Rush |
| Project Number: | 2783 | Due Date: | 48 HR |
| Project Location | Lea County, New Mexico | | |
| Sampler's Name: | JDC | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes (No) | Wet Ice: | (Yes) No |
| Received Intact: | (Yes) No | Thermometer ID: | IR8 |
| Cooler Custody Seals: | Yes No (N/A) | Correction Factor: | -0.2 |
| Sample Custody Seals: | Yes No (N/A) | Temperature Reading: | 7.2 |
| Total Containers: | | Corrected Temperature: | 7.0 |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2S0_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | Parameters: BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CS-1 (15') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-2 (15') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-3 (15') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-4 (15') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-5 (15') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-6 (15') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-7 (15') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-8 (15') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-9 (15') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-10 (15') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |

Comments:

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 2/20/26 3:42 | Erica Dyal | 2.20.26 1542 |
| | | | |
| | | | |

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# Chain of Custody

**Work Order No:** _____

2/24/2026

Page 2 of 4

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | |
| Project Number: | 2783 | ☐ Routine | ☑ Rush |
| Project Location: | Lea County, New Mexico | Due Date: | 48 HR |
| Sampler's Name: | JDC | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes (No) | Wet Ice: | (Yes) No |
| Received Intact: | (Yes) No | Thermometer ID: | |
| Cooler Custody Seals: | Yes No (N/A) | Correction Factor: | |
| Sample Custody Seals: | Yes No (N/A) | Temperature Reading: | 7.2 |
| Total Containers: | | Corrected Temperature: | |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2S0_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CS-11 (15') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-12 (15') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-13 (15') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-14 (15') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-15 (15') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-16 (15') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-17 (15') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-18 (6') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-19 (6') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-20 (6') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |

Comments:

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 2/20/26 3:42 | Erin Dyl | 2-20-26 1542 |
| | | | |
| | | | |

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# Chain of Custody

**Work Order No:** _____

2/24/2026

Page 3 of 4

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | ☐ Routine ☑ Rush |
| Project Number: | 2783 | Due Date: | 48 HR |
| Project Location | Lea County, New Mexico | | |
| Sampler's Name: | JDC | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes No | Wet Ice: | Yes No |
| Received Intact: | Yes No | Thermometer ID: | |
| Cooler Custody Seals: | Yes No N/A | Correction Factor: | |
| Sample Custody Seals: | Yes No N/A | Temperature Reading: | |
| Total Containers: | | Corrected Temperature: | |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2S0_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | Parameters: BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CS-21 (6') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-22 (6') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-23 (6') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-24 (6') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-25 (6') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-26 (6') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-27 (6') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-28 (6') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-29 (6') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-30 (6') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |

Comments:

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 2/20/26 3:42 | | 2.20.26 1542 |
| | | | |
| | | | |

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# Chain of Custody

Work Order No: _____

2/24/2026

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| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PST ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | ☐ Routine ☑ Rush |
| Project Number: | 2783 | Due Date: | 48 HR |
| Project Location | Lea County, New Mexico | | |
| Sampler's Name: | JDC | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes (No) | Wet Ice: | (Yes) No |
| Received Intact: | (Yes) No | Thermometer ID: | |
| Cooler Custody Seals: | Yes No (N/A) | Correction Factor: | |
| Sample Custody Seals: | Yes No (N/A) | Temperature Reading: | |
| Total Containers: | | Corrected Temperature: | |

**ANALYSIS REQUEST**

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2S0_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CS-31 (6') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-32 (6') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-33 (6') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-34 (6') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |

Comments:

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 2/20/26 3:42 | Erin Dy | 2.20.26 1540 |

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# Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68637-1
SDG Number: Lea County New Mexico

**Login Number: 68637**
**List Number: 1**
**Creator: Dyal, Erica**

**List Source: Eurofins Midland**

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

eurofins | Environment Testing



# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 2/24/2026 11:58:22 AM

## JOB DESCRIPTION

Riser 121 (06.29.2025)
Lea County New Mexico

## JOB NUMBER

880-68635-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.



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my EOL

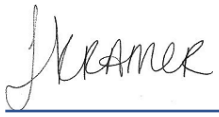
# Eurofins Midland

## 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
2/24/2026 11:58:22 AM

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

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Laboratory Job ID: 880-68635-1
SDG: Lea County New Mexico

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# Definitions/Glossary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Qualifiers

### GC VOA

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

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| F1 | MS and/or MSD recovery exceeds control limits. |
| S1+ | Surrogate recovery exceeds control limits, high biased. |
| U | Indicates the analyte was analyzed for but not detected. |

### HPLC/IC

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

## Glossary

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

# Case Narrative

Client: Carmona Resources
Project: Riser 121 (06.29.2025)

Job ID: 880-68635-1

## Job ID: 880-68635-1 Eurofins Midland

**Job Narrative**
**880-68635-1**

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 2/20/2026 3:42 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 7.0°C.

**GC VOA**
Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-4 (15') (880-68635-4), SW-6 (15') (880-68635-6), SW-7 (15') (880-68635-7), SW-8 (15') (880-68635-8), SW-9 (15') (880-68635-9), SW-10 (5.0-15') (880-68635-10), SW-13 (5.0-15') (880-68635-13), SW-15 (6.0') (880-68635-15), SW-16 (6.0') (880-68635-16), SW-17 (6.0') (880-68635-17), SW-18 (5.0-6.0') (880-68635-18), SW-19 (5.0-6.0') (880-68635-19), SW-20 (6.0') (880-68635-20), (CCV 880-132637/2) and (LCSD 880-132671/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

**Diesel Range Organics**
Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-132618/2-A) and (LCSD 880-132618/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-68635-A-12-C MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-132468 and analytical batch 880-132643 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

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

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Client Sample ID: SW-1 (15')

**Lab Sample ID: 880-68635-1**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | 02/21/26 09:45 | 02/21/26 22:58 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 09:45 | 02/21/26 22:58 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 09:45 | 02/21/26 22:58 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/26 09:45 | 02/21/26 22:58 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 09:45 | 02/21/26 22:58 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/26 09:45 | 02/21/26 22:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *129* | | *70 - 130* | *02/21/26 09:45* | *02/21/26 22:58* | *1* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* | *02/21/26 09:45* | *02/21/26 22:58* | *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 | | | 02/21/26 22:58 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 02/23/26 20:34 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 20:34 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 20:34 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 20:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *98* | | *70 - 130* | *02/20/26 10:06* | *02/23/26 20:34* | *1* |
| *o-Terphenyl (Surr)* | *105* | | *70 - 130* | *02/20/26 10:06* | *02/23/26 20:34* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **206** | | 9.92 | | mg/Kg | | | 02/23/26 13:19 | 1 |

## Client Sample ID: SW-2 (15')

**Lab Sample ID: 880-68635-2**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | 02/21/26 09:45 | 02/21/26 23:19 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 09:45 | 02/21/26 23:19 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 09:45 | 02/21/26 23:19 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 02/21/26 09:45 | 02/21/26 23:19 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 09:45 | 02/21/26 23:19 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 02/21/26 09:45 | 02/21/26 23:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *70 - 130* | *02/21/26 09:45* | *02/21/26 23:19* | *1* |
| *1,4-Difluorobenzene (Surr)* | *92* | | *70 - 130* | *02/21/26 09:45* | *02/21/26 23:19* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Client Sample ID: SW-2 (15')

**Lab Sample ID: 880-68635-2**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | | 02/21/26 23:19 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 02/23/26 21:01 | 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 | | 02/20/26 10:06 | 02/23/26 21:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 21:01 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 21:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *89* | | *70 - 130* | *02/20/26 10:06* | *02/23/26 21:01* | *1* |
| *o-Terphenyl (Surr)* | *97* | | *70 - 130* | *02/20/26 10:06* | *02/23/26 21:01* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **115** | | 9.94 | | mg/Kg | | | 02/23/26 13:39 | 1 |

## Client Sample ID: SW-3 (15')

**Lab Sample ID: 880-68635-3**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | 02/21/26 09:45 | 02/21/26 23:39 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 09:45 | 02/21/26 23:39 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 09:45 | 02/21/26 23:39 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 02/21/26 09:45 | 02/21/26 23:39 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 09:45 | 02/21/26 23:39 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 02/21/26 09:45 | 02/21/26 23:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *118* | | *70 - 130* | *02/21/26 09:45* | *02/21/26 23:39* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *02/21/26 09:45* | *02/21/26 23:39* | *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 | | | 02/21/26 23:39 | 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 | | | 02/23/26 21:16 | 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 | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 21:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 21:16 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Client Sample ID: SW-3 (15')

**Lab Sample ID: 880-68635-3**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | 02/20/26 10:06 | 02/23/26 21:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *93* | | *70 - 130* | *02/20/26 10:06* | *02/23/26 21:16* | *1* |
| *o-Terphenyl (Surr)* | *106* | | *70 - 130* | *02/20/26 10:06* | *02/23/26 21:16* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **271** | | 10.0 | | mg/Kg | | | 02/23/26 13:46 | 1 |

## Client Sample ID: SW-4 (15')

**Lab Sample ID: 880-68635-4**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | 02/21/26 09:45 | 02/22/26 00:00 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 00:00 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 00:00 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 00:00 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 00:00 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 00:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *143* | *S1+* | *70 - 130* | *02/21/26 09:45* | *02/22/26 00:00* | *1* |
| *1,4-Difluorobenzene (Surr)* | *93* | | *70 - 130* | *02/21/26 09:45* | *02/22/26 00:00* | *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 | | | 02/22/26 00:00 | 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 | | | 02/23/26 21:30 | 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 | <50.2 | U | 50.2 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 21:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 21:30 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 21:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *98* | | *70 - 130* | *02/20/26 10:06* | *02/23/26 21:30* | *1* |
| *o-Terphenyl (Surr)* | *106* | | *70 - 130* | *02/20/26 10:06* | *02/23/26 21:30* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **63.8** | | 10.0 | | mg/Kg | | | 02/23/26 13:53 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Client Sample ID: SW-5 (15')

**Lab Sample ID: 880-68635-5**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | 02/21/26 09:45 | 02/22/26 00:20 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 00:20 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 00:20 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 00:20 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 00:20 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 00:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *128* | | *70 - 130* | *02/21/26 09:45* | *02/22/26 00:20* | *1* |
| *1,4-Difluorobenzene (Surr)* | *91* | | *70 - 130* | *02/21/26 09:45* | *02/22/26 00:20* | *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 | | | 02/22/26 00:20 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 02/23/26 21:43 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 21:43 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 21:43 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 21:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *91* | | *70 - 130* | *02/20/26 10:06* | *02/23/26 21:43* | *1* |
| *o-Terphenyl (Surr)* | *97* | | *70 - 130* | *02/20/26 10:06* | *02/23/26 21:43* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **145** | | 9.96 | | mg/Kg | | | 02/23/26 14:00 | 1 |

## Client Sample ID: SW-6 (15')

**Lab Sample ID: 880-68635-6**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | 02/21/26 09:45 | 02/22/26 00:41 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 00:41 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 00:41 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 00:41 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 00:41 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 00:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *137* | *S1+* | *70 - 130* | *02/21/26 09:45* | *02/22/26 00:41* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *02/21/26 09:45* | *02/22/26 00:41* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Client Sample ID: SW-6 (15')

**Lab Sample ID: 880-68635-6**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | | 02/22/26 00:41 | 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 | | | 02/23/26 21:58 | 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 | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 21:58 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 21:58 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 21:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *100* | | *70 - 130* | *02/20/26 10:06* | *02/23/26 21:58* | *1* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* | *02/20/26 10:06* | *02/23/26 21:58* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **186** | | 9.98 | | mg/Kg | | | 02/23/26 14:20 | 1 |

## Client Sample ID: SW-7 (15')

**Lab Sample ID: 880-68635-7**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | 02/21/26 09:45 | 02/22/26 01:01 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 01:01 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 01:01 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 01:01 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 01:01 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 01:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *133* | *S1+* | *70 - 130* | *02/21/26 09:45* | *02/22/26 01:01* | *1* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* | *02/21/26 09:45* | *02/22/26 01:01* | *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 | | | 02/22/26 01:01 | 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 | | | 02/23/26 22:12 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 22:12 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 22:12 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Client Sample ID: SW-7 (15')

**Lab Sample ID: 880-68635-7**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | 02/20/26 10:06 | 02/23/26 22:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *95* | | *70 - 130* | *02/20/26 10:06* | *02/23/26 22:12* | *1* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* | *02/20/26 10:06* | *02/23/26 22:12* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **62.0** | | 10.1 | | mg/Kg | | | 02/23/26 14:26 | 1 |

## Client Sample ID: SW-8 (15')

**Lab Sample ID: 880-68635-8**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | 02/21/26 09:45 | 02/22/26 01:22 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 01:22 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 01:22 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 01:22 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 01:22 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 01:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *136* | *S1+* | *70 - 130* | *02/21/26 09:45* | *02/22/26 01:22* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *02/21/26 09:45* | *02/22/26 01:22* | *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 | | | 02/22/26 01:22 | 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 | | | 02/23/26 22:27 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 22:27 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 22:27 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 22:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *95* | | *70 - 130* | *02/20/26 10:06* | *02/23/26 22:27* | *1* |
| *o-Terphenyl (Surr)* | *103* | | *70 - 130* | *02/20/26 10:06* | *02/23/26 22:27* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **82.5** | | 10.1 | | mg/Kg | | | 02/23/26 14:33 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Client Sample ID: SW-9 (15')

**Lab Sample ID: 880-68635-9**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | 02/21/26 09:45 | 02/22/26 01:42 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 01:42 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 01:42 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 01:42 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 01:42 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 01:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *136* | *S1+* | *70 - 130* | *02/21/26 09:45* | *02/22/26 01:42* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *02/21/26 09:45* | *02/22/26 01:42* | *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 | | | 02/22/26 01:42 | 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 | | | 02/23/26 22:40 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 22:40 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 22:40 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 22:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *97* | | *70 - 130* | *02/20/26 10:06* | *02/23/26 22:40* | *1* |
| *o-Terphenyl (Surr)* | *103* | | *70 - 130* | *02/20/26 10:06* | *02/23/26 22:40* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **146** | | 10.1 | | mg/Kg | | | 02/23/26 14:40 | 1 |

## Client Sample ID: SW-10 (5.0-15')

**Lab Sample ID: 880-68635-10**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | 02/21/26 09:45 | 02/22/26 02:03 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 02:03 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 02:03 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 02:03 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 02:03 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 02:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *138* | *S1+* | *70 - 130* | *02/21/26 09:45* | *02/22/26 02:03* | *1* |
| *1,4-Difluorobenzene (Surr)* | *88* | | *70 - 130* | *02/21/26 09:45* | *02/22/26 02:03* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Client Sample ID: SW-10 (5.0-15')

**Lab Sample ID: 880-68635-10**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | | 02/22/26 02:03 | 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 | | | 02/23/26 22:55 | 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 | <49.8 | U | 49.8 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 22:55 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 22:55 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 22:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *100* | | *70 - 130* | *02/20/26 10:06* | *02/23/26 22:55* | *1* |
| *o-Terphenyl (Surr)* | *108* | | *70 - 130* | *02/20/26 10:06* | *02/23/26 22:55* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **538** | | 10.0 | | mg/Kg | | | 02/23/26 14:46 | 1 |

## Client Sample ID: SW-11 (5.0-15')

**Lab Sample ID: 880-68635-11**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | 02/21/26 09:45 | 02/22/26 03:37 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 03:37 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 03:37 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 03:37 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 03:37 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 03:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *118* | | *70 - 130* | *02/21/26 09:45* | *02/22/26 03:37* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *02/21/26 09:45* | *02/22/26 03:37* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 02/22/26 03:37 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 02/23/26 23:09 | 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 | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 23:09 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 23:09 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Client Sample ID: SW-11 (5.0-15')

**Lab Sample ID: 880-68635-11**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | 02/20/26 10:06 | 02/23/26 23:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *94* | | *70 - 130* | *02/20/26 10:06* | *02/23/26 23:09* | *1* |
| *o-Terphenyl (Surr)* | *102* | | *70 - 130* | *02/20/26 10:06* | *02/23/26 23:09* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **227** | | 9.94 | | mg/Kg | | | 02/23/26 14:53 | 1 |

## Client Sample ID: SW-12 (5.0-15')

**Lab Sample ID: 880-68635-12**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | 02/21/26 09:45 | 02/22/26 03:58 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 03:58 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 03:58 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 03:58 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 03:58 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 03:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *118* | | *70 - 130* | *02/21/26 09:45* | *02/22/26 03:58* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *02/21/26 09:45* | *02/22/26 03:58* | *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 | | | 02/22/26 03:58 | 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 | | | 02/23/26 18:04 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 18:04 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 18:04 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 18:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *121* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 18:04* | *1* |
| *o-Terphenyl (Surr)* | *128* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 18:04* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **94.5** | | 10.1 | | mg/Kg | | | 02/23/26 15:13 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Client Sample ID: SW-13 (5.0-15')

**Lab Sample ID: 880-68635-13**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | 02/21/26 09:45 | 02/22/26 04:18 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 04:18 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 04:18 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 04:18 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 04:18 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 04:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *135* | *S1+* | *70 - 130* | *02/21/26 09:45* | *02/22/26 04:18* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *02/21/26 09:45* | *02/22/26 04:18* | *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 | | | 02/22/26 04:18 | 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 | | | 02/23/26 18:48 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 18:48 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 18:48 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 18:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *114* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 18:48* | *1* |
| *o-Terphenyl (Surr)* | *116* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 18:48* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **83.9** | | 10.0 | | mg/Kg | | | 02/23/26 15:20 | 1 |

## Client Sample ID: SW-14 (6.0-15')

**Lab Sample ID: 880-68635-14**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | 02/21/26 09:45 | 02/22/26 04:39 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 04:39 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 04:39 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 04:39 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 04:39 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 04:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *70 - 130* | *02/21/26 09:45* | *02/22/26 04:39* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *02/21/26 09:45* | *02/22/26 04:39* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Client Sample ID: SW-14 (6.0-15')

**Lab Sample ID: 880-68635-14**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | | 02/22/26 04:39 | 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 | | | 02/23/26 19:03 | 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 | | 02/20/26 16:47 | 02/23/26 19:03 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 19:03 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 19:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *108* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 19:03* | *1* |
| *o-Terphenyl (Surr)* | *117* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 19:03* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **283** | | 9.98 | | mg/Kg | | | 02/23/26 15:40 | 1 |

## Client Sample ID: SW-15 (6.0')

**Lab Sample ID: 880-68635-15**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | 02/21/26 09:45 | 02/22/26 04:59 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 04:59 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 04:59 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 04:59 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 04:59 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 04:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *140* | *S1+* | *70 - 130* | *02/21/26 09:45* | *02/22/26 04:59* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *02/21/26 09:45* | *02/22/26 04:59* | *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 | | | 02/22/26 04:59 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 02/23/26 19:17 | 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 | | 02/20/26 16:47 | 02/23/26 19:17 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 19:17 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Client Sample ID: SW-15 (6.0')

**Lab Sample ID: 880-68635-15**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | 02/20/26 16:47 | 02/23/26 19:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *121* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 19:17* | *1* |
| *o-Terphenyl (Surr)* | *125* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 19:17* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **329** | | 9.90 | | mg/Kg | | | 02/23/26 15:47 | 1 |

## Client Sample ID: SW-16 (6.0')

**Lab Sample ID: 880-68635-16**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | 02/21/26 09:45 | 02/22/26 05:20 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 05:20 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 05:20 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 05:20 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 05:20 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 05:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *142* | *S1+* | *70 - 130* | *02/21/26 09:45* | *02/22/26 05:20* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *02/21/26 09:45* | *02/22/26 05:20* | *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 | | | 02/22/26 05:20 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 02/23/26 19:32 | 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 | | 02/20/26 16:47 | 02/23/26 19:32 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 19:32 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 19:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *114* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 19:32* | *1* |
| *o-Terphenyl (Surr)* | *121* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 19:32* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **131** | | 9.94 | | mg/Kg | | | 02/23/26 15:54 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Client Sample ID: SW-17 (6.0')

**Lab Sample ID: 880-68635-17**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | 02/21/26 09:45 | 02/22/26 05:40 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 05:40 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 05:40 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 05:40 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 05:40 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 05:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *136* | *S1+* | *70 - 130* | *02/21/26 09:45* | *02/22/26 05:40* | *1* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* | *02/21/26 09:45* | *02/22/26 05:40* | *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 | | | 02/22/26 05:40 | 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 | | | 02/23/26 19:47 | 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 | <50.2 | U | 50.2 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 19:47 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 19:47 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 19:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *108* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 19:47* | *1* |
| *o-Terphenyl (Surr)* | *121* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 19:47* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **113** | | 9.96 | | mg/Kg | | | 02/23/26 16:00 | 1 |

## Client Sample ID: SW-18 (5.0-6.0')

**Lab Sample ID: 880-68635-18**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | 02/21/26 09:45 | 02/22/26 06:01 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 06:01 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 06:01 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 06:01 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 06:01 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 06:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *131* | *S1+* | *70 - 130* | *02/21/26 09:45* | *02/22/26 06:01* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *02/21/26 09:45* | *02/22/26 06:01* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Client Sample ID: SW-18 (5.0-6.0')

**Lab Sample ID: 880-68635-18**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | | 02/22/26 06:01 | 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 | | | 02/23/26 20:02 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 20:02 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 20:02 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 20:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *109* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 20:02* | *1* |
| *o-Terphenyl (Surr)* | *116* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 20:02* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **89.7** | | 10.1 | | mg/Kg | | | 02/23/26 16:07 | 1 |

## Client Sample ID: SW-19 (5.0-6.0')

**Lab Sample ID: 880-68635-19**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

### 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 | | 02/21/26 09:45 | 02/22/26 06:21 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 06:21 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 06:21 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 06:21 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 06:21 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 06:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *135* | *S1+* | *70 - 130* | *02/21/26 09:45* | *02/22/26 06:21* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *02/21/26 09:45* | *02/22/26 06:21* | *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 | | | 02/22/26 06:21 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 02/23/26 20:17 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 20:17 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 20:17 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Client Sample ID: SW-19 (5.0-6.0')

**Lab Sample ID: 880-68635-19**
**Date Collected: 02/20/26 00:00**
**Matrix: Solid**
**Date Received: 02/20/26 15:42**

### 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 | | 02/20/26 16:47 | 02/23/26 20:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *115* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 20:17* | *1* |
| *o-Terphenyl (Surr)* | *119* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 20:17* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **106** | | 10.0 | | mg/Kg | | | 02/23/26 16:14 | 1 |

## Client Sample ID: SW-20 (6.0')

**Lab Sample ID: 880-68635-20**
**Date Collected: 02/20/26 00:00**
**Matrix: Solid**
**Date Received: 02/20/26 15:42**

### 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 | | 02/21/26 09:45 | 02/22/26 06:42 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 06:42 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 06:42 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 06:42 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 06:42 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/26 09:45 | 02/22/26 06:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *136* | *S1+* | *70 - 130* | *02/21/26 09:45* | *02/22/26 06:42* | *1* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* | *02/21/26 09:45* | *02/22/26 06:42* | *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 | | | 02/22/26 06:42 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 02/23/26 20:31 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 20:31 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 20:31 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 20:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *122* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 20:31* | *1* |
| *o-Terphenyl (Surr)* | *127* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 20:31* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **239** | | 10.0 | | mg/Kg | | | 02/23/26 16:20 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Client Sample ID: SW-21 (6.0')

**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

## Lab Sample ID: 880-68635-21

**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 | | 02/21/26 08:56 | 02/22/26 12:55 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/21/26 08:56 | 02/22/26 12:55 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/21/26 08:56 | 02/22/26 12:55 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 02/21/26 08:56 | 02/22/26 12:55 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/21/26 08:56 | 02/22/26 12:55 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 02/21/26 08:56 | 02/22/26 12:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *111* | | *70 - 130* | *02/21/26 08:56* | *02/22/26 12:55* | *1* |
| *1,4-Difluorobenzene (Surr)* | *89* | | *70 - 130* | *02/21/26 08:56* | *02/22/26 12:55* | *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 | | | 02/22/26 12:55 | 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 | | | 02/23/26 20:46 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 20:46 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 20:46 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 20:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *124* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 20:46* | *1* |
| *o-Terphenyl (Surr)* | *128* | | *70 - 130* | *02/20/26 16:47* | *02/23/26 20:46* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **89.3** | | 10.0 | | mg/Kg | | | 02/22/26 04:20 | 1 |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
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) |
| 880-68634-A-4-D MS | Matrix Spike | 109 | 95 |
| 880-68634-A-4-E MSD | Matrix Spike Duplicate | 110 | 96 |
| 880-68635-1 | SW-1 (15') | 129 | 104 |
| 880-68635-1 MS | SW-1 (15') | 98 | 92 |
| 880-68635-1 MSD | SW-1 (15') | 105 | 94 |
| 880-68635-2 | SW-2 (15') | 107 | 92 |
| 880-68635-3 | SW-3 (15') | 118 | 96 |
| 880-68635-4 | SW-4 (15') | 143 S1+ | 93 |
| 880-68635-5 | SW-5 (15') | 128 | 91 |
| 880-68635-6 | SW-6 (15') | 137 S1+ | 98 |
| 880-68635-7 | SW-7 (15') | 133 S1+ | 95 |
| 880-68635-8 | SW-8 (15') | 136 S1+ | 103 |
| 880-68635-9 | SW-9 (15') | 136 S1+ | 96 |
| 880-68635-10 | SW-10 (5.0-15') | 138 S1+ | 88 |
| 880-68635-11 | SW-11 (5.0-15') | 118 | 96 |
| 880-68635-12 | SW-12 (5.0-15') | 118 | 96 |
| 880-68635-13 | SW-13 (5.0-15') | 135 S1+ | 96 |
| 880-68635-14 | SW-14 (6.0-15') | 103 | 98 |
| 880-68635-15 | SW-15 (6.0') | 140 S1+ | 97 |
| 880-68635-16 | SW-16 (6.0') | 142 S1+ | 99 |
| 880-68635-17 | SW-17 (6.0') | 136 S1+ | 102 |
| 880-68635-18 | SW-18 (5.0-6.0') | 131 S1+ | 99 |
| 880-68635-19 | SW-19 (5.0-6.0') | 135 S1+ | 96 |
| 880-68635-20 | SW-20 (6.0') | 136 S1+ | 95 |
| 880-68635-21 | SW-21 (6.0') | 111 | 89 |
| LCS 880-132656/1-A | Lab Control Sample | 111 | 94 |
| LCS 880-132671/1-A | Lab Control Sample | 120 | 95 |
| LCSD 880-132656/2-A | Lab Control Sample Dup | 106 | 93 |
| LCSD 880-132671/2-A | Lab Control Sample Dup | 140 S1+ | 93 |
| MB 880-132651/5-A | Method Blank | 97 | 97 |
| MB 880-132656/5-A | Method Blank | 95 | 94 |
| MB 880-132671/5-A | Method Blank | 127 | 88 |

**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) |
| 880-68603-A-16-F MS | Matrix Spike | 115 | 113 |
| 880-68603-A-16-G MSD | Matrix Spike Duplicate | 115 | 111 |
| 880-68635-1 | SW-1 (15') | 98 | 105 |
| 880-68635-2 | SW-2 (15') | 89 | 97 |
| 880-68635-3 | SW-3 (15') | 93 | 106 |
| 880-68635-4 | SW-4 (15') | 98 | 106 |
| 880-68635-5 | SW-5 (15') | 91 | 97 |

# Surrogate Summary

Client: Carmona Resources
Job ID: 880-68635-1
Project/Site: Riser 121 (06.29.2025)
SDG: Lea County New Mexico

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | 1CO1 (70-130) | OTPH1 (70-130) | | | | | | | | |
| 880-68635-6 | SW-6 (15') | 100 | 107 | | | | | | | | |
| 880-68635-7 | SW-7 (15') | 95 | 104 | | | | | | | | |
| 880-68635-8 | SW-8 (15') | 95 | 103 | | | | | | | | |
| 880-68635-9 | SW-9 (15') | 97 | 103 | | | | | | | | |
| 880-68635-10 | SW-10 (5.0-15') | 100 | 108 | | | | | | | | |
| 880-68635-11 | SW-11 (5.0-15') | 94 | 102 | | | | | | | | |
| 880-68635-12 | SW-12 (5.0-15') | 121 | 128 | | | | | | | | |
| 880-68635-12 MS | SW-12 (5.0-15') | 141 S1+ | 126 | | | | | | | | |
| 880-68635-12 MSD | SW-12 (5.0-15') | 115 | 124 | | | | | | | | |
| 880-68635-13 | SW-13 (5.0-15') | 114 | 116 | | | | | | | | |
| 880-68635-14 | SW-14 (6.0-15') | 108 | 117 | | | | | | | | |
| 880-68635-15 | SW-15 (6.0') | 121 | 125 | | | | | | | | |
| 880-68635-16 | SW-16 (6.0') | 114 | 121 | | | | | | | | |
| 880-68635-17 | SW-17 (6.0') | 108 | 121 | | | | | | | | |
| 880-68635-18 | SW-18 (5.0-6.0') | 109 | 116 | | | | | | | | |
| 880-68635-19 | SW-19 (5.0-6.0') | 115 | 119 | | | | | | | | |
| 880-68635-20 | SW-20 (6.0') | 122 | 127 | | | | | | | | |
| 880-68635-21 | SW-21 (6.0') | 124 | 128 | | | | | | | | |
| LCS 880-132468/2-A | Lab Control Sample | 119 | 116 | | | | | | | | |
| LCS 880-132618/2-A | Lab Control Sample | 128 | 140 S1+ | | | | | | | | |
| LCSD 880-132468/3-A | Lab Control Sample Dup | 117 | 114 | | | | | | | | |
| LCSD 880-132618/3-A | Lab Control Sample Dup | 127 | 142 S1+ | | | | | | | | |
| MB 880-132468/1-A | Method Blank | 90 | 98 | | | | | | | | |
| MB 880-132618/1-A | Method Blank | 117 | 121 | | | | | | | | |

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

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

**Lab Sample ID: MB 880-132651/5-A**
**Matrix: Solid**
**Analysis Batch: 132638**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 132651**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 22:35 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 22:35 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 22:35 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 22:35 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 22:35 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 02/21/26 08:37 | 02/21/26 22:35 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *02/21/26 08:37* | *02/21/26 22:35* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *02/21/26 08:37* | *02/21/26 22:35* | *1* |

**Lab Sample ID: MB 880-132656/5-A**
**Matrix: Solid**
**Analysis Batch: 132638**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 132656**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:56 | 02/22/26 09:29 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:56 | 02/22/26 09:29 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:56 | 02/22/26 09:29 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 02/21/26 08:56 | 02/22/26 09:29 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 08:56 | 02/22/26 09:29 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 02/21/26 08:56 | 02/22/26 09:29 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* | *02/21/26 08:56* | *02/22/26 09:29* | *1* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* | *02/21/26 08:56* | *02/22/26 09:29* | *1* |

**Lab Sample ID: LCS 880-132656/1-A**
**Matrix: Solid**
**Analysis Batch: 132638**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 132656**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.08484 | | mg/Kg | | 85 | 70 - 130 |
| Toluene | 0.100 | 0.1002 | | mg/Kg | | 100 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.09425 | | mg/Kg | | 94 | 70 - 130 |
| m,p-Xylenes | 0.200 | 0.1998 | | mg/Kg | | 100 | 70 - 130 |
| o-Xylene | 0.100 | 0.09973 | | mg/Kg | | 100 | 70 - 130 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *111* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* |

**Lab Sample ID: LCSD 880-132656/2-A**
**Matrix: Solid**
**Analysis Batch: 132638**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 132656**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.08392 | | mg/Kg | | 84 | 70 - 130 | 1 | 35 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

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

**Lab Sample ID: LCSD 880-132656/2-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 132638** — **Prep Batch: 132656**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Toluene | | | 0.100 | 0.09748 | | mg/Kg | | 97 | 70 - 130 | 3 | 35 |
| Ethylbenzene | | | 0.100 | 0.08864 | | mg/Kg | | 89 | 70 - 130 | 6 | 35 |
| m,p-Xylenes | | | 0.200 | 0.1830 | | mg/Kg | | 91 | 70 - 130 | 9 | 35 |
| o-Xylene | | | 0.100 | 0.09018 | | mg/Kg | | 90 | 70 - 130 | 10 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *106* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *93* | | *70 - 130* |

**Lab Sample ID: 880-68634-A-4-D MS** — **Client Sample ID: Matrix Spike**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 132638** — **Prep Batch: 132656**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.08860 | | mg/Kg | | 89 | 70 - 130 |
| Toluene | <0.00200 | U | 0.100 | 0.1016 | | mg/Kg | | 102 | 70 - 130 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.09138 | | mg/Kg | | 91 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1876 | | mg/Kg | | 94 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.100 | 0.09372 | | mg/Kg | | 94 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *109* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* |

**Lab Sample ID: 880-68634-A-4-E MSD** — **Client Sample ID: Matrix Spike Duplicate**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 132638** — **Prep Batch: 132656**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.09155 | | mg/Kg | | 92 | 70 - 130 | 3 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.1035 | | mg/Kg | | 104 | 70 - 130 | 2 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.09304 | | mg/Kg | | 93 | 70 - 130 | 2 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1919 | | mg/Kg | | 96 | 70 - 130 | 2 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.09597 | | mg/Kg | | 96 | 70 - 130 | 2 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* |

**Lab Sample ID: MB 880-132671/5-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 132637** — **Prep Batch: 132671**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 09:45 | 02/21/26 22:37 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 09:45 | 02/21/26 22:37 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 09:45 | 02/21/26 22:37 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 02/21/26 09:45 | 02/21/26 22:37 | 1 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

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

**Lab Sample ID: MB 880-132671/5-A**
**Matrix: Solid**
**Analysis Batch: 132637**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 132671**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/26 09:45 | 02/21/26 22:37 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 02/21/26 09:45 | 02/21/26 22:37 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *127* | | *70 - 130* | *02/21/26 09:45* | *02/21/26 22:37* | *1* |
| *1,4-Difluorobenzene (Surr)* | *88* | | *70 - 130* | *02/21/26 09:45* | *02/21/26 22:37* | *1* |

**Lab Sample ID: LCS 880-132671/1-A**
**Matrix: Solid**
**Analysis Batch: 132637**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 132671**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.1022 | | mg/Kg | | 102 | 70 - 130 |
| Toluene | 0.100 | 0.1060 | | mg/Kg | | 106 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.1076 | | mg/Kg | | 108 | 70 - 130 |
| m,p-Xylenes | 0.200 | 0.2378 | | mg/Kg | | 119 | 70 - 130 |
| o-Xylene | 0.100 | 0.1155 | | mg/Kg | | 116 | 70 - 130 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *120* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* |

**Lab Sample ID: LCSD 880-132671/2-A**
**Matrix: Solid**
**Analysis Batch: 132637**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 132671**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.1037 | | mg/Kg | | 104 | 70 - 130 | 1 | 35 |
| Toluene | 0.100 | 0.1078 | | mg/Kg | | 108 | 70 - 130 | 2 | 35 |
| Ethylbenzene | 0.100 | 0.1264 | | mg/Kg | | 126 | 70 - 130 | 16 | 35 |
| m,p-Xylenes | 0.200 | 0.2516 | | mg/Kg | | 126 | 70 - 130 | 6 | 35 |
| o-Xylene | 0.100 | 0.1291 | | mg/Kg | | 129 | 70 - 130 | 11 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *140* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *93* | | *70 - 130* |

**Lab Sample ID: 880-68635-1 MS**
**Matrix: Solid**
**Analysis Batch: 132637**

**Client Sample ID: SW-1 (15')**
**Prep Type: Total/NA**
**Prep Batch: 132671**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.09793 | | mg/Kg | | 98 | 70 - 130 |
| Toluene | <0.00200 | U | 0.100 | 0.1045 | | mg/Kg | | 104 | 70 - 130 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.1007 | | mg/Kg | | 101 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1889 | | mg/Kg | | 94 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.100 | 0.09360 | | mg/Kg | | 94 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 880-68635-1 MS**
**Matrix: Solid**
**Analysis Batch: 132637**

**Client Sample ID: SW-1 (15')**
**Prep Type: Total/NA**
**Prep Batch: 132671**

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 98 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 92 | | 70 - 130 |

**Lab Sample ID: 880-68635-1 MSD**
**Matrix: Solid**
**Analysis Batch: 132637**

**Client Sample ID: SW-1 (15')**
**Prep Type: Total/NA**
**Prep Batch: 132671**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.1034 | | mg/Kg | | 103 | 70 - 130 | 5 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.1072 | | mg/Kg | | 107 | 70 - 130 | 3 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.1093 | | mg/Kg | | 109 | 70 - 130 | 8 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.2007 | | mg/Kg | | 100 | 70 - 130 | 6 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.09841 | | mg/Kg | | 98 | 70 - 130 | 5 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 105 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 94 | | 70 - 130 |

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

**Lab Sample ID: MB 880-132468/1-A**
**Matrix: Solid**
**Analysis Batch: 132643**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 132468**

| 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 | | 02/20/26 10:06 | 02/23/26 16:49 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 16:49 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 10:06 | 02/23/26 16:49 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 90 | | 70 - 130 | 02/20/26 10:06 | 02/23/26 16:49 | 1 |
| o-Terphenyl (Surr) | 98 | | 70 - 130 | 02/20/26 10:06 | 02/23/26 16:49 | 1 |

**Lab Sample ID: LCS 880-132468/2-A**
**Matrix: Solid**
**Analysis Batch: 132643**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 132468**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 1034 | | mg/Kg | | 103 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 818.5 | | mg/Kg | | 82 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 119 | | 70 - 130 |
| o-Terphenyl (Surr) | 116 | | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

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

**Lab Sample ID: LCSD 880-132468/3-A**
**Matrix: Solid**
**Analysis Batch: 132643**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 132468**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1023 | | mg/Kg | | 102 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 788.8 | | mg/Kg | | 79 | 70 - 130 | 4 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *117* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *114* | | *70 - 130* |

**Lab Sample ID: 880-68603-A-16-F MS**
**Matrix: Solid**
**Analysis Batch: 132643**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 132468**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 1000 | 856.5 | | mg/Kg | | 83 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 217 | F1 | 1000 | 760.3 | F1 | mg/Kg | | 54 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *115* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *113* | | *70 - 130* |

**Lab Sample ID: 880-68603-A-16-G MSD**
**Matrix: Solid**
**Analysis Batch: 132643**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 132468**

| 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 | <50.5 | U | 1000 | 869.0 | | mg/Kg | | 85 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | 217 | F1 | 1000 | 757.9 | F1 | mg/Kg | | 54 | 70 - 130 | 0 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *115* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *111* | | *70 - 130* |

**Lab Sample ID: MB 880-132618/1-A**
**Matrix: Solid**
**Analysis Batch: 132647**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 132618**

| 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 | | 02/20/26 16:47 | 02/23/26 16:55 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 16:55 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/26 16:47 | 02/23/26 16:55 | 1 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

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

**Lab Sample ID: MB 880-132618/1-A**
**Matrix: Solid**
**Analysis Batch: 132647**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 132618**

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 117 | | 70 - 130 | 02/20/26 16:47 | 02/23/26 16:55 | 1 |
| o-Terphenyl (Surr) | 121 | | 70 - 130 | 02/20/26 16:47 | 02/23/26 16:55 | 1 |

**Lab Sample ID: LCS 880-132618/2-A**
**Matrix: Solid**
**Analysis Batch: 132647**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 132618**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1266 | | mg/Kg | | 127 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1134 | | mg/Kg | | 113 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 128 | | 70 - 130 |
| o-Terphenyl (Surr) | 140 | S1+ | 70 - 130 |

**Lab Sample ID: LCSD 880-132618/3-A**
**Matrix: Solid**
**Analysis Batch: 132647**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 132618**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1236 | | mg/Kg | | 124 | 70 - 130 | 2 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1134 | | mg/Kg | | 113 | 70 - 130 | 0 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 127 | | 70 - 130 |
| o-Terphenyl (Surr) | 142 | S1+ | 70 - 130 |

**Lab Sample ID: 880-68635-12 MS**
**Matrix: Solid**
**Analysis Batch: 132647**

**Client Sample ID: SW-12 (5.0-15')**
**Prep Type: Total/NA**
**Prep Batch: 132618**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 1000 | 1062 | | mg/Kg | | 106 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 1000 | 899.6 | | mg/Kg | | 90 | 70 - 130 | | |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 141 | S1+ | 70 - 130 |
| o-Terphenyl (Surr) | 126 | | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 880-68635-12 MSD** — **Client Sample ID: SW-12 (5.0-15')**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 132647** — **Prep Batch: 132618**

| 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 | 1000 | 1102 | | mg/Kg | | 110 | 70 - 130 | 4 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 1000 | 987.1 | | mg/Kg | | 99 | 70 - 130 | 9 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *115* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *124* | | *70 - 130* |

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-132610/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 132634**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 02/22/26 02:40 | 1 |

**Lab Sample ID: LCS 880-132610/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 132634**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 252.6 | | mg/Kg | | 101 | 90 - 110 |

**Lab Sample ID: LCSD 880-132610/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 132634**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 250 | 251.5 | | mg/Kg | | 101 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-68634-A-5-C MS** — **Client Sample ID: Matrix Spike**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 132634**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 15.2 | | 251 | 284.8 | | mg/Kg | | 107 | 90 - 110 |

**Lab Sample ID: 880-68634-A-5-D MSD** — **Client Sample ID: Matrix Spike Duplicate**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 132634**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 15.2 | | 251 | 284.1 | | mg/Kg | | 107 | 90 - 110 | 0 | 20 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: MB 880-132612/1-A**
**Matrix: Solid**
**Analysis Batch: 132665**

**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 | | | 02/23/26 12:59 | 1 |

**Lab Sample ID: LCS 880-132612/2-A**
**Matrix: Solid**
**Analysis Batch: 132665**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 255.1 | | mg/Kg | | 102 | 90 - 110 |

**Lab Sample ID: LCSD 880-132612/3-A**
**Matrix: Solid**
**Analysis Batch: 132665**

**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 | 253.1 | | mg/Kg | | 101 | 90 - 110 | 1 | 20 |

**Lab Sample ID: 880-68635-1 MS**
**Matrix: Solid**
**Analysis Batch: 132665**

**Client Sample ID: SW-1 (15')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 206 | | 248 | 450.7 | | mg/Kg | | 99 | 90 - 110 |

**Lab Sample ID: 880-68635-1 MSD**
**Matrix: Solid**
**Analysis Batch: 132665**

**Client Sample ID: SW-1 (15')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 206 | | 248 | 447.4 | | mg/Kg | | 97 | 90 - 110 | 1 | 20 |

**Lab Sample ID: 880-68635-11 MS**
**Matrix: Solid**
**Analysis Batch: 132665**

**Client Sample ID: SW-11 (5.0-15')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 227 | | 249 | 474.6 | | mg/Kg | | 100 | 90 - 110 |

**Lab Sample ID: 880-68635-11 MSD**
**Matrix: Solid**
**Analysis Batch: 132665**

**Client Sample ID: SW-11 (5.0-15')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 227 | | 249 | 472.7 | | mg/Kg | | 99 | 90 - 110 | 0 | 20 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## GC VOA

### Analysis Batch: 132637

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68635-1 | SW-1 (15') | Total/NA | Solid | 8021B | 132671 |
| 880-68635-2 | SW-2 (15') | Total/NA | Solid | 8021B | 132671 |
| 880-68635-3 | SW-3 (15') | Total/NA | Solid | 8021B | 132671 |
| 880-68635-4 | SW-4 (15') | Total/NA | Solid | 8021B | 132671 |
| 880-68635-5 | SW-5 (15') | Total/NA | Solid | 8021B | 132671 |
| 880-68635-6 | SW-6 (15') | Total/NA | Solid | 8021B | 132671 |
| 880-68635-7 | SW-7 (15') | Total/NA | Solid | 8021B | 132671 |
| 880-68635-8 | SW-8 (15') | Total/NA | Solid | 8021B | 132671 |
| 880-68635-9 | SW-9 (15') | Total/NA | Solid | 8021B | 132671 |
| 880-68635-10 | SW-10 (5.0-15') | Total/NA | Solid | 8021B | 132671 |
| 880-68635-11 | SW-11 (5.0-15') | Total/NA | Solid | 8021B | 132671 |
| 880-68635-12 | SW-12 (5.0-15') | Total/NA | Solid | 8021B | 132671 |
| 880-68635-13 | SW-13 (5.0-15') | Total/NA | Solid | 8021B | 132671 |
| 880-68635-14 | SW-14 (6.0-15') | Total/NA | Solid | 8021B | 132671 |
| 880-68635-15 | SW-15 (6.0') | Total/NA | Solid | 8021B | 132671 |
| 880-68635-16 | SW-16 (6.0') | Total/NA | Solid | 8021B | 132671 |
| 880-68635-17 | SW-17 (6.0') | Total/NA | Solid | 8021B | 132671 |
| 880-68635-18 | SW-18 (5.0-6.0') | Total/NA | Solid | 8021B | 132671 |
| 880-68635-19 | SW-19 (5.0-6.0') | Total/NA | Solid | 8021B | 132671 |
| 880-68635-20 | SW-20 (6.0') | Total/NA | Solid | 8021B | 132671 |
| MB 880-132671/5-A | Method Blank | Total/NA | Solid | 8021B | 132671 |
| LCS 880-132671/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 132671 |
| LCSD 880-132671/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 132671 |
| 880-68635-1 MS | SW-1 (15') | Total/NA | Solid | 8021B | 132671 |
| 880-68635-1 MSD | SW-1 (15') | Total/NA | Solid | 8021B | 132671 |

### Analysis Batch: 132638

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68635-21 | SW-21 (6.0') | Total/NA | Solid | 8021B | 132656 |
| MB 880-132651/5-A | Method Blank | Total/NA | Solid | 8021B | 132651 |
| MB 880-132656/5-A | Method Blank | Total/NA | Solid | 8021B | 132656 |
| LCS 880-132656/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 132656 |
| LCSD 880-132656/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 132656 |
| 880-68634-A-4-D MS | Matrix Spike | Total/NA | Solid | 8021B | 132656 |
| 880-68634-A-4-E MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 132656 |

### Prep Batch: 132651

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-132651/5-A | Method Blank | Total/NA | Solid | 5035 | |

### Prep Batch: 132656

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68635-21 | SW-21 (6.0') | Total/NA | Solid | 5035 | |
| MB 880-132656/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-132656/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-132656/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-68634-A-4-D MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-68634-A-4-E MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## GC VOA

### Prep Batch: 132671

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68635-1 | SW-1 (15') | Total/NA | Solid | 5035 | |
| 880-68635-2 | SW-2 (15') | Total/NA | Solid | 5035 | |
| 880-68635-3 | SW-3 (15') | Total/NA | Solid | 5035 | |
| 880-68635-4 | SW-4 (15') | Total/NA | Solid | 5035 | |
| 880-68635-5 | SW-5 (15') | Total/NA | Solid | 5035 | |
| 880-68635-6 | SW-6 (15') | Total/NA | Solid | 5035 | |
| 880-68635-7 | SW-7 (15') | Total/NA | Solid | 5035 | |
| 880-68635-8 | SW-8 (15') | Total/NA | Solid | 5035 | |
| 880-68635-9 | SW-9 (15') | Total/NA | Solid | 5035 | |
| 880-68635-10 | SW-10 (5.0-15') | Total/NA | Solid | 5035 | |
| 880-68635-11 | SW-11 (5.0-15') | Total/NA | Solid | 5035 | |
| 880-68635-12 | SW-12 (5.0-15') | Total/NA | Solid | 5035 | |
| 880-68635-13 | SW-13 (5.0-15') | Total/NA | Solid | 5035 | |
| 880-68635-14 | SW-14 (6.0-15') | Total/NA | Solid | 5035 | |
| 880-68635-15 | SW-15 (6.0') | Total/NA | Solid | 5035 | |
| 880-68635-16 | SW-16 (6.0') | Total/NA | Solid | 5035 | |
| 880-68635-17 | SW-17 (6.0') | Total/NA | Solid | 5035 | |
| 880-68635-18 | SW-18 (5.0-6.0') | Total/NA | Solid | 5035 | |
| 880-68635-19 | SW-19 (5.0-6.0') | Total/NA | Solid | 5035 | |
| 880-68635-20 | SW-20 (6.0') | Total/NA | Solid | 5035 | |
| MB 880-132671/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-132671/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-132671/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-68635-1 MS | SW-1 (15') | Total/NA | Solid | 5035 | |
| 880-68635-1 MSD | SW-1 (15') | Total/NA | Solid | 5035 | |

### Analysis Batch: 132758

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68635-1 | SW-1 (15') | Total/NA | Solid | Total BTEX | |
| 880-68635-2 | SW-2 (15') | Total/NA | Solid | Total BTEX | |
| 880-68635-3 | SW-3 (15') | Total/NA | Solid | Total BTEX | |
| 880-68635-4 | SW-4 (15') | Total/NA | Solid | Total BTEX | |
| 880-68635-5 | SW-5 (15') | Total/NA | Solid | Total BTEX | |
| 880-68635-6 | SW-6 (15') | Total/NA | Solid | Total BTEX | |
| 880-68635-7 | SW-7 (15') | Total/NA | Solid | Total BTEX | |
| 880-68635-8 | SW-8 (15') | Total/NA | Solid | Total BTEX | |
| 880-68635-9 | SW-9 (15') | Total/NA | Solid | Total BTEX | |
| 880-68635-10 | SW-10 (5.0-15') | Total/NA | Solid | Total BTEX | |
| 880-68635-11 | SW-11 (5.0-15') | Total/NA | Solid | Total BTEX | |
| 880-68635-12 | SW-12 (5.0-15') | Total/NA | Solid | Total BTEX | |
| 880-68635-13 | SW-13 (5.0-15') | Total/NA | Solid | Total BTEX | |
| 880-68635-14 | SW-14 (6.0-15') | Total/NA | Solid | Total BTEX | |
| 880-68635-15 | SW-15 (6.0') | Total/NA | Solid | Total BTEX | |
| 880-68635-16 | SW-16 (6.0') | Total/NA | Solid | Total BTEX | |
| 880-68635-17 | SW-17 (6.0') | Total/NA | Solid | Total BTEX | |
| 880-68635-18 | SW-18 (5.0-6.0') | Total/NA | Solid | Total BTEX | |
| 880-68635-19 | SW-19 (5.0-6.0') | Total/NA | Solid | Total BTEX | |
| 880-68635-20 | SW-20 (6.0') | Total/NA | Solid | Total BTEX | |
| 880-68635-21 | SW-21 (6.0') | Total/NA | Solid | Total BTEX | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## GC Semi VOA

### Prep Batch: 132468

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68635-1 | SW-1 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68635-2 | SW-2 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68635-3 | SW-3 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68635-4 | SW-4 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68635-5 | SW-5 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68635-6 | SW-6 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68635-7 | SW-7 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68635-8 | SW-8 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68635-9 | SW-9 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68635-10 | SW-10 (5.0-15') | Total/NA | Solid | 8015NM Prep | |
| 880-68635-11 | SW-11 (5.0-15') | Total/NA | Solid | 8015NM Prep | |
| MB 880-132468/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-132468/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-132468/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-68603-A-16-F MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-68603-A-16-G MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 132618

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68635-12 | SW-12 (5.0-15') | Total/NA | Solid | 8015NM Prep | |
| 880-68635-13 | SW-13 (5.0-15') | Total/NA | Solid | 8015NM Prep | |
| 880-68635-14 | SW-14 (6.0-15') | Total/NA | Solid | 8015NM Prep | |
| 880-68635-15 | SW-15 (6.0') | Total/NA | Solid | 8015NM Prep | |
| 880-68635-16 | SW-16 (6.0') | Total/NA | Solid | 8015NM Prep | |
| 880-68635-17 | SW-17 (6.0') | Total/NA | Solid | 8015NM Prep | |
| 880-68635-18 | SW-18 (5.0-6.0') | Total/NA | Solid | 8015NM Prep | |
| 880-68635-19 | SW-19 (5.0-6.0') | Total/NA | Solid | 8015NM Prep | |
| 880-68635-20 | SW-20 (6.0') | Total/NA | Solid | 8015NM Prep | |
| 880-68635-21 | SW-21 (6.0') | Total/NA | Solid | 8015NM Prep | |
| MB 880-132618/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-132618/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-132618/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-68635-12 MS | SW-12 (5.0-15') | Total/NA | Solid | 8015NM Prep | |
| 880-68635-12 MSD | SW-12 (5.0-15') | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 132643

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68635-1 | SW-1 (15') | Total/NA | Solid | 8015B NM | 132468 |
| 880-68635-2 | SW-2 (15') | Total/NA | Solid | 8015B NM | 132468 |
| 880-68635-3 | SW-3 (15') | Total/NA | Solid | 8015B NM | 132468 |
| 880-68635-4 | SW-4 (15') | Total/NA | Solid | 8015B NM | 132468 |
| 880-68635-5 | SW-5 (15') | Total/NA | Solid | 8015B NM | 132468 |
| 880-68635-6 | SW-6 (15') | Total/NA | Solid | 8015B NM | 132468 |
| 880-68635-7 | SW-7 (15') | Total/NA | Solid | 8015B NM | 132468 |
| 880-68635-8 | SW-8 (15') | Total/NA | Solid | 8015B NM | 132468 |
| 880-68635-9 | SW-9 (15') | Total/NA | Solid | 8015B NM | 132468 |
| 880-68635-10 | SW-10 (5.0-15') | Total/NA | Solid | 8015B NM | 132468 |
| 880-68635-11 | SW-11 (5.0-15') | Total/NA | Solid | 8015B NM | 132468 |
| MB 880-132468/1-A | Method Blank | Total/NA | Solid | 8015B NM | 132468 |
| LCS 880-132468/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 132468 |
| LCSD 880-132468/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 132468 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## GC Semi VOA (Continued)

### Analysis Batch: 132643 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68603-A-16-F MS | Matrix Spike | Total/NA | Solid | 8015B NM | 132468 |
| 880-68603-A-16-G MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 132468 |

### Analysis Batch: 132647

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68635-12 | SW-12 (5.0-15') | Total/NA | Solid | 8015B NM | 132618 |
| 880-68635-13 | SW-13 (5.0-15') | Total/NA | Solid | 8015B NM | 132618 |
| 880-68635-14 | SW-14 (6.0-15') | Total/NA | Solid | 8015B NM | 132618 |
| 880-68635-15 | SW-15 (6.0') | Total/NA | Solid | 8015B NM | 132618 |
| 880-68635-16 | SW-16 (6.0') | Total/NA | Solid | 8015B NM | 132618 |
| 880-68635-17 | SW-17 (6.0') | Total/NA | Solid | 8015B NM | 132618 |
| 880-68635-18 | SW-18 (5.0-6.0') | Total/NA | Solid | 8015B NM | 132618 |
| 880-68635-19 | SW-19 (5.0-6.0') | Total/NA | Solid | 8015B NM | 132618 |
| 880-68635-20 | SW-20 (6.0') | Total/NA | Solid | 8015B NM | 132618 |
| 880-68635-21 | SW-21 (6.0') | Total/NA | Solid | 8015B NM | 132618 |
| MB 880-132618/1-A | Method Blank | Total/NA | Solid | 8015B NM | 132618 |
| LCS 880-132618/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 132618 |
| LCSD 880-132618/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 132618 |
| 880-68635-12 MS | SW-12 (5.0-15') | Total/NA | Solid | 8015B NM | 132618 |
| 880-68635-12 MSD | SW-12 (5.0-15') | Total/NA | Solid | 8015B NM | 132618 |

### Analysis Batch: 132830

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68635-1 | SW-1 (15') | Total/NA | Solid | 8015 NM | |
| 880-68635-2 | SW-2 (15') | Total/NA | Solid | 8015 NM | |
| 880-68635-3 | SW-3 (15') | Total/NA | Solid | 8015 NM | |
| 880-68635-4 | SW-4 (15') | Total/NA | Solid | 8015 NM | |
| 880-68635-5 | SW-5 (15') | Total/NA | Solid | 8015 NM | |
| 880-68635-6 | SW-6 (15') | Total/NA | Solid | 8015 NM | |
| 880-68635-7 | SW-7 (15') | Total/NA | Solid | 8015 NM | |
| 880-68635-8 | SW-8 (15') | Total/NA | Solid | 8015 NM | |
| 880-68635-9 | SW-9 (15') | Total/NA | Solid | 8015 NM | |
| 880-68635-10 | SW-10 (5.0-15') | Total/NA | Solid | 8015 NM | |
| 880-68635-11 | SW-11 (5.0-15') | Total/NA | Solid | 8015 NM | |
| 880-68635-12 | SW-12 (5.0-15') | Total/NA | Solid | 8015 NM | |
| 880-68635-13 | SW-13 (5.0-15') | Total/NA | Solid | 8015 NM | |
| 880-68635-14 | SW-14 (6.0-15') | Total/NA | Solid | 8015 NM | |
| 880-68635-15 | SW-15 (6.0') | Total/NA | Solid | 8015 NM | |
| 880-68635-16 | SW-16 (6.0') | Total/NA | Solid | 8015 NM | |
| 880-68635-17 | SW-17 (6.0') | Total/NA | Solid | 8015 NM | |
| 880-68635-18 | SW-18 (5.0-6.0') | Total/NA | Solid | 8015 NM | |
| 880-68635-19 | SW-19 (5.0-6.0') | Total/NA | Solid | 8015 NM | |
| 880-68635-20 | SW-20 (6.0') | Total/NA | Solid | 8015 NM | |
| 880-68635-21 | SW-21 (6.0') | Total/NA | Solid | 8015 NM | |

## HPLC/IC

### Leach Batch: 132610

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68635-21 | SW-21 (6.0') | Soluble | Solid | DI Leach | |
| MB 880-132610/1-A | Method Blank | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## HPLC/IC (Continued)

### Leach Batch: 132610 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| LCS 880-132610/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-132610/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-68634-A-5-C MS | Matrix Spike | Soluble | Solid | DI Leach | |
| 880-68634-A-5-D MSD | Matrix Spike Duplicate | Soluble | Solid | DI Leach | |

### Leach Batch: 132612

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68635-1 | SW-1 (15') | Soluble | Solid | DI Leach | |
| 880-68635-2 | SW-2 (15') | Soluble | Solid | DI Leach | |
| 880-68635-3 | SW-3 (15') | Soluble | Solid | DI Leach | |
| 880-68635-4 | SW-4 (15') | Soluble | Solid | DI Leach | |
| 880-68635-5 | SW-5 (15') | Soluble | Solid | DI Leach | |
| 880-68635-6 | SW-6 (15') | Soluble | Solid | DI Leach | |
| 880-68635-7 | SW-7 (15') | Soluble | Solid | DI Leach | |
| 880-68635-8 | SW-8 (15') | Soluble | Solid | DI Leach | |
| 880-68635-9 | SW-9 (15') | Soluble | Solid | DI Leach | |
| 880-68635-10 | SW-10 (5.0-15') | Soluble | Solid | DI Leach | |
| 880-68635-11 | SW-11 (5.0-15') | Soluble | Solid | DI Leach | |
| 880-68635-12 | SW-12 (5.0-15') | Soluble | Solid | DI Leach | |
| 880-68635-13 | SW-13 (5.0-15') | Soluble | Solid | DI Leach | |
| 880-68635-14 | SW-14 (6.0-15') | Soluble | Solid | DI Leach | |
| 880-68635-15 | SW-15 (6.0') | Soluble | Solid | DI Leach | |
| 880-68635-16 | SW-16 (6.0') | Soluble | Solid | DI Leach | |
| 880-68635-17 | SW-17 (6.0') | Soluble | Solid | DI Leach | |
| 880-68635-18 | SW-18 (5.0-6.0') | Soluble | Solid | DI Leach | |
| 880-68635-19 | SW-19 (5.0-6.0') | Soluble | Solid | DI Leach | |
| 880-68635-20 | SW-20 (6.0') | Soluble | Solid | DI Leach | |
| MB 880-132612/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-132612/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-132612/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-68635-1 MS | SW-1 (15') | Soluble | Solid | DI Leach | |
| 880-68635-1 MSD | SW-1 (15') | Soluble | Solid | DI Leach | |
| 880-68635-11 MS | SW-11 (5.0-15') | Soluble | Solid | DI Leach | |
| 880-68635-11 MSD | SW-11 (5.0-15') | Soluble | Solid | DI Leach | |

### Analysis Batch: 132634

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68635-21 | SW-21 (6.0') | Soluble | Solid | 300.0 | 132610 |
| MB 880-132610/1-A | Method Blank | Soluble | Solid | 300.0 | 132610 |
| LCS 880-132610/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 132610 |
| LCSD 880-132610/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 132610 |
| 880-68634-A-5-C MS | Matrix Spike | Soluble | Solid | 300.0 | 132610 |
| 880-68634-A-5-D MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 132610 |

### Analysis Batch: 132665

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68635-1 | SW-1 (15') | Soluble | Solid | 300.0 | 132612 |
| 880-68635-2 | SW-2 (15') | Soluble | Solid | 300.0 | 132612 |
| 880-68635-3 | SW-3 (15') | Soluble | Solid | 300.0 | 132612 |
| 880-68635-4 | SW-4 (15') | Soluble | Solid | 300.0 | 132612 |
| 880-68635-5 | SW-5 (15') | Soluble | Solid | 300.0 | 132612 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## HPLC/IC (Continued)

### Analysis Batch: 132665 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68635-6 | SW-6 (15') | Soluble | Solid | 300.0 | 132612 |
| 880-68635-7 | SW-7 (15') | Soluble | Solid | 300.0 | 132612 |
| 880-68635-8 | SW-8 (15') | Soluble | Solid | 300.0 | 132612 |
| 880-68635-9 | SW-9 (15') | Soluble | Solid | 300.0 | 132612 |
| 880-68635-10 | SW-10 (5.0-15') | Soluble | Solid | 300.0 | 132612 |
| 880-68635-11 | SW-11 (5.0-15') | Soluble | Solid | 300.0 | 132612 |
| 880-68635-12 | SW-12 (5.0-15') | Soluble | Solid | 300.0 | 132612 |
| 880-68635-13 | SW-13 (5.0-15') | Soluble | Solid | 300.0 | 132612 |
| 880-68635-14 | SW-14 (6.0-15') | Soluble | Solid | 300.0 | 132612 |
| 880-68635-15 | SW-15 (6.0') | Soluble | Solid | 300.0 | 132612 |
| 880-68635-16 | SW-16 (6.0') | Soluble | Solid | 300.0 | 132612 |
| 880-68635-17 | SW-17 (6.0') | Soluble | Solid | 300.0 | 132612 |
| 880-68635-18 | SW-18 (5.0-6.0') | Soluble | Solid | 300.0 | 132612 |
| 880-68635-19 | SW-19 (5.0-6.0') | Soluble | Solid | 300.0 | 132612 |
| 880-68635-20 | SW-20 (6.0') | Soluble | Solid | 300.0 | 132612 |
| MB 880-132612/1-A | Method Blank | Soluble | Solid | 300.0 | 132612 |
| LCS 880-132612/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 132612 |
| LCSD 880-132612/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 132612 |
| 880-68635-1 MS | SW-1 (15') | Soluble | Solid | 300.0 | 132612 |
| 880-68635-1 MSD | SW-1 (15') | Soluble | Solid | 300.0 | 132612 |
| 880-68635-11 MS | SW-11 (5.0-15') | Soluble | Solid | 300.0 | 132612 |
| 880-68635-11 MSD | SW-11 (5.0-15') | Soluble | Solid | 300.0 | 132612 |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Client Sample ID: SW-1 (15')

**Lab Sample ID: 880-68635-1**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| 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 | 132671 | 02/21/26 09:45 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132637 | 02/21/26 22:58 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132758 | 02/21/26 22:58 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132830 | 02/23/26 20:34 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 132468 | 02/20/26 10:06 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132643 | 02/23/26 20:34 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 132612 | 02/20/26 16:37 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132665 | 02/23/26 13:19 | CS | EET MID |

## Client Sample ID: SW-2 (15')

**Lab Sample ID: 880-68635-2**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| 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 | 132671 | 02/21/26 09:45 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132637 | 02/21/26 23:19 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132758 | 02/21/26 23:19 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132830 | 02/23/26 21:01 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 132468 | 02/20/26 10:06 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132643 | 02/23/26 21:01 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 132612 | 02/20/26 16:37 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132665 | 02/23/26 13:39 | CS | EET MID |

## Client Sample ID: SW-3 (15')

**Lab Sample ID: 880-68635-3**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| 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 | 132671 | 02/21/26 09:45 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132637 | 02/21/26 23:39 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132758 | 02/21/26 23:39 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132830 | 02/23/26 21:16 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132468 | 02/20/26 10:06 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132643 | 02/23/26 21:16 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 132612 | 02/20/26 16:37 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132665 | 02/23/26 13:46 | CS | EET MID |

## Client Sample ID: SW-4 (15')

**Lab Sample ID: 880-68635-4**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| 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 | 132671 | 02/21/26 09:45 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132637 | 02/22/26 00:00 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132758 | 02/22/26 00:00 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Client Sample ID: SW-4 (15')

**Lab Sample ID: 880-68635-4**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| 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 | | | 132830 | 02/23/26 21:30 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10.00 mL | 132468 | 02/20/26 10:06 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132643 | 02/23/26 21:30 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 132612 | 02/20/26 16:37 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132665 | 02/23/26 13:53 | CS | EET MID |

## Client Sample ID: SW-5 (15')

**Lab Sample ID: 880-68635-5**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| 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 | 132671 | 02/21/26 09:45 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132637 | 02/22/26 00:20 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132758 | 02/22/26 00:20 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132830 | 02/23/26 21:43 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 132468 | 02/20/26 10:06 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132643 | 02/23/26 21:43 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 132612 | 02/20/26 16:37 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132665 | 02/23/26 14:00 | CS | EET MID |

## Client Sample ID: SW-6 (15')

**Lab Sample ID: 880-68635-6**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| 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 | 132671 | 02/21/26 09:45 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132637 | 02/22/26 00:41 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132758 | 02/22/26 00:41 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132830 | 02/23/26 21:58 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 132468 | 02/20/26 10:06 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132643 | 02/23/26 21:58 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 132612 | 02/20/26 16:37 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132665 | 02/23/26 14:20 | CS | EET MID |

## Client Sample ID: SW-7 (15')

**Lab Sample ID: 880-68635-7**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| 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 | 132671 | 02/21/26 09:45 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132637 | 02/22/26 01:01 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132758 | 02/22/26 01:01 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132830 | 02/23/26 22:12 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132468 | 02/20/26 10:06 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132643 | 02/23/26 22:12 | FC | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Client Sample ID: SW-7 (15')

**Lab Sample ID: 880-68635-7**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 132612 | 02/20/26 16:37 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132665 | 02/23/26 14:26 | CS | EET MID |

## Client Sample ID: SW-8 (15')

**Lab Sample ID: 880-68635-8**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| 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 | 132671 | 02/21/26 09:45 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132637 | 02/22/26 01:22 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132758 | 02/22/26 01:22 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132830 | 02/23/26 22:27 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 132468 | 02/20/26 10:06 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132643 | 02/23/26 22:27 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 132612 | 02/20/26 16:37 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132665 | 02/23/26 14:33 | CS | EET MID |

## Client Sample ID: SW-9 (15')

**Lab Sample ID: 880-68635-9**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| 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 | 132671 | 02/21/26 09:45 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132637 | 02/22/26 01:42 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132758 | 02/22/26 01:42 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132830 | 02/23/26 22:40 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132468 | 02/20/26 10:06 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132643 | 02/23/26 22:40 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 132612 | 02/20/26 16:37 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132665 | 02/23/26 14:40 | CS | EET MID |

## Client Sample ID: SW-10 (5.0-15')

**Lab Sample ID: 880-68635-10**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| 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 | 132671 | 02/21/26 09:45 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132637 | 02/22/26 02:03 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132758 | 02/22/26 02:03 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132830 | 02/23/26 22:55 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 132468 | 02/20/26 10:06 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132643 | 02/23/26 22:55 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 132612 | 02/20/26 16:37 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132665 | 02/23/26 14:46 | CS | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Client Sample ID: SW-11 (5.0-15')

**Lab Sample ID: 880-68635-11**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| 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 | 132671 | 02/21/26 09:45 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132637 | 02/22/26 03:37 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132758 | 02/22/26 03:37 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132830 | 02/23/26 23:09 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 132468 | 02/20/26 10:06 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132643 | 02/23/26 23:09 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 132612 | 02/20/26 16:37 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132665 | 02/23/26 14:53 | CS | EET MID |

## Client Sample ID: SW-12 (5.0-15')

**Lab Sample ID: 880-68635-12**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| 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 | 132671 | 02/21/26 09:45 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132637 | 02/22/26 03:58 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132758 | 02/22/26 03:58 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132830 | 02/23/26 18:04 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132618 | 02/20/26 16:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132647 | 02/23/26 18:04 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 132612 | 02/20/26 16:37 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132665 | 02/23/26 15:13 | CS | EET MID |

## Client Sample ID: SW-13 (5.0-15')

**Lab Sample ID: 880-68635-13**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| 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 | 132671 | 02/21/26 09:45 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132637 | 02/22/26 04:18 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132758 | 02/22/26 04:18 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132830 | 02/23/26 18:48 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 132618 | 02/20/26 16:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132647 | 02/23/26 18:48 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 132612 | 02/20/26 16:37 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132665 | 02/23/26 15:20 | CS | EET MID |

## Client Sample ID: SW-14 (6.0-15')

**Lab Sample ID: 880-68635-14**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| 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 | 132671 | 02/21/26 09:45 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132637 | 02/22/26 04:39 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132758 | 02/22/26 04:39 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Client Sample ID: SW-14 (6.0-15')

**Lab Sample ID: 880-68635-14**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| 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 | | | 132830 | 02/23/26 19:03 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132618 | 02/20/26 16:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132647 | 02/23/26 19:03 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 132612 | 02/20/26 16:37 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132665 | 02/23/26 15:40 | CS | EET MID |

## Client Sample ID: SW-15 (6.0')

**Lab Sample ID: 880-68635-15**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| 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 | 132671 | 02/21/26 09:45 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132637 | 02/22/26 04:59 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132758 | 02/22/26 04:59 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132830 | 02/23/26 19:17 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 132618 | 02/20/26 16:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132647 | 02/23/26 19:17 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 132612 | 02/20/26 16:37 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132665 | 02/23/26 15:47 | CS | EET MID |

## Client Sample ID: SW-16 (6.0')

**Lab Sample ID: 880-68635-16**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| 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 | 132671 | 02/21/26 09:45 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132637 | 02/22/26 05:20 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132758 | 02/22/26 05:20 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132830 | 02/23/26 19:32 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132618 | 02/20/26 16:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132647 | 02/23/26 19:32 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 132612 | 02/20/26 16:37 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132665 | 02/23/26 15:54 | CS | EET MID |

## Client Sample ID: SW-17 (6.0')

**Lab Sample ID: 880-68635-17**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| 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 | 132671 | 02/21/26 09:45 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132637 | 02/22/26 05:40 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132758 | 02/22/26 05:40 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132830 | 02/23/26 19:47 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10.00 mL | 132618 | 02/20/26 16:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132647 | 02/23/26 19:47 | FC | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Client Sample ID: SW-17 (6.0')

**Lab Sample ID: 880-68635-17**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| 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 | 132612 | 02/20/26 16:37 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132665 | 02/23/26 16:00 | CS | EET MID |

## Client Sample ID: SW-18 (5.0-6.0')

**Lab Sample ID: 880-68635-18**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| 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 | 132671 | 02/21/26 09:45 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132637 | 02/22/26 06:01 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132758 | 02/22/26 06:01 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132830 | 02/23/26 20:02 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10.00 mL | 132618 | 02/20/26 16:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132647 | 02/23/26 20:02 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 132612 | 02/20/26 16:37 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132665 | 02/23/26 16:07 | CS | EET MID |

## Client Sample ID: SW-19 (5.0-6.0')

**Lab Sample ID: 880-68635-19**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| 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 | 132671 | 02/21/26 09:45 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132637 | 02/22/26 06:21 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132758 | 02/22/26 06:21 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132830 | 02/23/26 20:17 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 132618 | 02/20/26 16:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132647 | 02/23/26 20:17 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 132612 | 02/20/26 16:37 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132665 | 02/23/26 16:14 | CS | EET MID |

## Client Sample ID: SW-20 (6.0')

**Lab Sample ID: 880-68635-20**
**Matrix: Solid**
**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

| 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 | 132671 | 02/21/26 09:45 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132637 | 02/22/26 06:42 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132758 | 02/22/26 06:42 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132830 | 02/23/26 20:31 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 132618 | 02/20/26 16:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132647 | 02/23/26 20:31 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 132612 | 02/20/26 16:37 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132665 | 02/23/26 16:20 | CS | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Client Sample ID: SW-21 (6.0')

**Date Collected: 02/20/26 00:00**
**Date Received: 02/20/26 15:42**

## Lab Sample ID: 880-68635-21

**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 | 132656 | 02/21/26 08:56 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132638 | 02/22/26 12:55 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132758 | 02/22/26 12:55 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132830 | 02/23/26 20:46 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132618 | 02/20/26 16:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132647 | 02/23/26 20:46 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 132610 | 02/20/26 16:34 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 132634 | 02/22/26 04:20 | CS | EET MID |

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

## Laboratory: Eurofins Midland

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

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| Texas | NELAP | T104704400 | 06-30-26 |

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

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

# Method Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68635-1
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: Riser 121 (06.29.2025)

Job ID: 880-68635-1
SDG: Lea County New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 880-68635-1 | SW-1 (15') | Solid | 02/20/26 00:00 | 02/20/26 15:42 | New Mexico |
| 880-68635-2 | SW-2 (15') | Solid | 02/20/26 00:00 | 02/20/26 15:42 | New Mexico |
| 880-68635-3 | SW-3 (15') | Solid | 02/20/26 00:00 | 02/20/26 15:42 | New Mexico |
| 880-68635-4 | SW-4 (15') | Solid | 02/20/26 00:00 | 02/20/26 15:42 | New Mexico |
| 880-68635-5 | SW-5 (15') | Solid | 02/20/26 00:00 | 02/20/26 15:42 | New Mexico |
| 880-68635-6 | SW-6 (15') | Solid | 02/20/26 00:00 | 02/20/26 15:42 | New Mexico |
| 880-68635-7 | SW-7 (15') | Solid | 02/20/26 00:00 | 02/20/26 15:42 | New Mexico |
| 880-68635-8 | SW-8 (15') | Solid | 02/20/26 00:00 | 02/20/26 15:42 | New Mexico |
| 880-68635-9 | SW-9 (15') | Solid | 02/20/26 00:00 | 02/20/26 15:42 | New Mexico |
| 880-68635-10 | SW-10 (5.0-15') | Solid | 02/20/26 00:00 | 02/20/26 15:42 | New Mexico |
| 880-68635-11 | SW-11 (5.0-15') | Solid | 02/20/26 00:00 | 02/20/26 15:42 | New Mexico |
| 880-68635-12 | SW-12 (5.0-15') | Solid | 02/20/26 00:00 | 02/20/26 15:42 | New Mexico |
| 880-68635-13 | SW-13 (5.0-15') | Solid | 02/20/26 00:00 | 02/20/26 15:42 | New Mexico |
| 880-68635-14 | SW-14 (6.0-15') | Solid | 02/20/26 00:00 | 02/20/26 15:42 | New Mexico |
| 880-68635-15 | SW-15 (6.0') | Solid | 02/20/26 00:00 | 02/20/26 15:42 | New Mexico |
| 880-68635-16 | SW-16 (6.0') | Solid | 02/20/26 00:00 | 02/20/26 15:42 | New Mexico |
| 880-68635-17 | SW-17 (6.0') | Solid | 02/20/26 00:00 | 02/20/26 15:42 | New Mexico |
| 880-68635-18 | SW-18 (5.0-6.0') | Solid | 02/20/26 00:00 | 02/20/26 15:42 | New Mexico |
| 880-68635-19 | SW-19 (5.0-6.0') | Solid | 02/20/26 00:00 | 02/20/26 15:42 | New Mexico |
| 880-68635-20 | SW-20 (6.0') | Solid | 02/20/26 00:00 | 02/20/26 15:42 | New Mexico |
| 880-68635-21 | SW-21 (6.0') | Solid | 02/20/26 00:00 | 02/20/26 15:42 | New Mexico |

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# Chain of Custody

880-68635 Chain of Custody

2/24/2026

Page ___1___ of ___3___

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | |
| Project Number: | 2783 | ☐ Routine | ☑ Rush |
| Project Location | Lea County, New Mexico | Due Date: | 48 HR |
| Sampler's Name: | JDC | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank: | Yes (No) | Wet Ice: | (Yes) No | |
| Received Intact: | (Yes) No | Thermometer ID: | | |
| Cooler Custody Seals: | Yes No (N/A) | Correction Factor: | | |
| Sample Custody Seals: | Yes No (N/A) | Temperature Reading: | 7.2 | |
| Total Containers: | | Corrected Temperature: | | |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2S0_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Parameters: BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SW-1 (15') | 2/20/2026 | | X | | C | 1 | X | X | X | | |
| SW-2 (15') | 2/20/2026 | | X | | C | 1 | X | X | X | | |
| SW-3 (15') | 2/20/2026 | | X | | C | 1 | X | X | X | | |
| SW-4 (15') | 2/20/2026 | | X | | C | 1 | X | X | X | | |
| SW-5 (15') | 2/20/2026 | | X | | C | 1 | X | X | X | | |
| SW-6 (15') | 2/20/2026 | | X | | C | 1 | X | X | X | | |
| SW-7 (15') | 2/20/2026 | | X | | C | 1 | X | X | X | | |
| SW-8 (15') | 2/20/2026 | | X | | C | 1 | X | X | X | | |
| SW-9 (15') | 2/20/2026 | | X | | C | 1 | X | X | X | | |
| SW-10 (5.0'-15') | 2/20/2026 | | X | | C | 1 | X | X | X | | |

Comments:

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 2/20/26 3:42 | | 2.20.26 1542 |
| | | | |
| | | | |

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Received by OCD: 4/9/2026 10:32:47 AM

Released to Imaging: 4/30/2026 3:42:59 PM

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# Chain of Custody

**Work Order No:** _____

2/24/2026



| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | ☐ Routine ☑ Rush |
| Project Number: | 2783 | Due Date: | 48 HR |
| Project Location | Lea County, New Mexico | | |
| Sampler's Name: | JDC | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes (No) | Wet Ice: | (Yes) No |
| Received Intact: | (Yes) No | Thermometer ID: | |
| Cooler Custody Seals: | Yes No (N/A) | Correction Factor: | |
| Sample Custody Seals: | Yes No (N/A) | Temperature Reading: | |
| Total Containers: | | Corrected Temperature: | |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2S0_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | BTEX 8021B | TPH 8015M (GRO + DRO + MRO) | Chloride 300.0 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW-11 (5.0'-15') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| SW-12 (5.0'-15') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| SW-13 (5.0'-15') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| SW-14 (6.0'-15') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| SW-15 (6.0') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| SW-16 (6.0') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| SW-17 (6.0') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| SW-18 (5.0'-6.0') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| SW-19 (5.0'-6.0') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |
| SW-20 (6.0') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |

Comments:

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 2/20/26 7:42 | | 2-20-26 1542 |
| | | | |
| | | | |



Received by OCD: 4/9/2026 10:32:47 AM

Released to Imaging: 4/30/2026 3:42:59 PM

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# Chain of Custody

**Work Order No:** _____

2/24/2026

Page 3 of 3

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | ☐ Routine ☑ Rush |
| Project Number: | 2783 | | |
| Project Location | Lea County, New Mexico | Due Date: | 48 HR |
| Sampler's Name: | JDC | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes (No) | Wet Ice: | (Yes) No |
| Received Intact: | (Yes) No | Thermometer ID: | |
| Cooler Custody Seals: | Yes No (N/A) | Correction Factor: | |
| Sample Custody Seals: | Yes No (N/A) | Temperature Reading: | |
| Total Containers: | | Corrected Temperature: | |

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW-21 (6.0') | 2/20/2026 | | X | | C | 1 | | X | X | X | | |

**Parameters**

**ANALYSIS REQUEST**

**Preservative Codes**

None: NO — DI Water: $H_2O$

Cool: Cool — MeOH: Me

HCL: HC — $HNO_3$: HN

$H_2S0_4$: $H_2$ — NaOH: Na

$H_3PO_4$: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Comments:

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 2/20/26 3:42 | | 2-20-26 1542 |

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Received by OCD: 4/9/2026 10:32:47 AM

Released to Imaging: 4/30/2026 3:42:59 PM

# Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68635-1
SDG Number: Lea County New Mexico

**Login Number: 68635**
**List Number: 1**
**Creator: Dyal, Erica**

**List Source: Eurofins Midland**

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

eurofins | Environment Testing



# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 2/24/2026 4:38:03 PM

## JOB DESCRIPTION

Riser 121 (6.29.2025)
Lea CountyNew Mexico

## JOB NUMBER

880-68696-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.



Released to Imaging: 4/30/2026 3:42:39 PM

my EOL

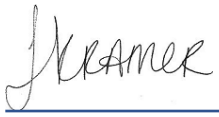
# Eurofins Midland

## 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
2/24/2026 4:38:03 PM

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

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Laboratory Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

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# Definitions/Glossary

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Qualifiers

### GC VOA

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

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| F1 | MS and/or MSD recovery exceeds control limits. |
| S1- | Surrogate recovery exceeds control limits, low biased. |
| S1+ | Surrogate recovery exceeds control limits, high biased. |
| U | Indicates the analyte was analyzed for but not detected. |

### HPLC/IC

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

## Glossary

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

# Case Narrative

Client: Carmona Resources
Project: Riser 121 (6.29.2025)

Job ID: 880-68696-1

## Job ID: 880-68696-1 Eurofins Midland

**Job Narrative**
**880-68696-1**

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 2/23/2026 3:24 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C.

**Receipt Exceptions**
The following samples were received and analyzed from an unpreserved bulk soil jar: CS-35 (5') (880-68696-1), CS-36 (5') (880-68696-2), CS-37 (5') (880-68696-3), CS-38 (5') (880-68696-4), CS-39 (5') (880-68696-5), CS-40 (5') (880-68696-6), CS-41 (5') (880-68696-7), CS-42 (5') (880-68696-8), CS-43 (5') (880-68696-9), CS-44 (5') (880-68696-10), CS-45 (5' (880-68696-11), CS-46 (5') (880-68696-12), CS-47 (5') (880-68696-13), CS-48 (5') (880-68696-14), CS-49 (5') (880-68696-15), CS-50 (5') (880-68696-16), CS-51 (5') (880-68696-17), CS-52 (5') (880-68696-18), CS-53 (5') (880-68696-19), CS-54 (15') (880-68696-20), CS-55 (15') (880-68696-21), CS-56 (15') (880-68696-22), CS-57 (15') (880-68696-23) and CS-58 (15') (880-68696-24).

**GC VOA**
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-132815 and analytical batch 880-132801 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-35 (5') (880-68696-1), CS-36 (5') (880-68696-2), CS-37 (5') (880-68696-3), CS-38 (5') (880-68696-4), CS-39 (5') (880-68696-5), CS-40 (5') (880-68696-6), CS-41 (5') (880-68696-7), CS-42 (5') (880-68696-8), CS-43 (5') (880-68696-9) and CS-44 (5') (880-68696-10). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-132737 and analytical batch 880-132803 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CS-57 (15') (880-68696-23). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-132737 and analytical batch 880-132803 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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

**Diesel Range Organics**
Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS-35 (5') (880-68696-1), CS-38 (5') (880-68696-4), CS-39 (5') (880-68696-5), CS-42 (5') (880-68696-8), (880-68695-A-1-B MS) and (880-68695-A-1-C MSD). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-132772/1-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-132772 and analytical batch 880-132809 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix

# Case Narrative

Client: Carmona Resources
Project: Riser 121 (6.29.2025)

Job ID: 880-68696-1

## Job ID: 880-68696-1 (Continued) Eurofins Midland

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

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-132773 and analytical batch 880-132811 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 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-132773/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS-43 (5') (880-68696-9) and CS-44 (5') (880-68696-10). Evidence of matrix interferences is not obvious.

Method 8015B NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: CS-46 (5') (880-68696-12), CS-47 (5') (880-68696-13), CS-48 (5') (880-68696-14), CS-49 (5') (880-68696-15), CS-50 (5') (880-68696-16), CS-51 (5') (880-68696-17), CS-52 (5') (880-68696-18), CS-53 (5') (880-68696-19), CS-54 (15') (880-68696-20), CS-55 (15') (880-68696-21), CS-56 (15') (880-68696-22), CS-57 (15') (880-68696-23), CS-58 (15') (880-68696-24), (880-68696-A-12-P MS) and (880-68696-A-12-Q MSD). Percent recoveries are based on the amount spiked.

Method 8015B NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: CS-45 (5' (880-68696-11). Percent recoveries are based on the amount spiked.

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

**HPLC/IC**
Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-132793 and analytical batch 880-132814 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.

The associated samples are: CS-37 (5') (880-68696-3), CS-38 (5') (880-68696-4), CS-39 (5') (880-68696-5), CS-40 (5') (880-68696-6), CS-41 (5') (880-68696-7), CS-42 (5') (880-68696-8), CS-43 (5') (880-68696-9), CS-44 (5') (880-68696-10), CS-45 (5' (880-68696-11), CS-46 (5') (880-68696-12), (880-68696-A-3-C MS) and (880-68696-A-3-D MSD).

Method 300.0 - Soluble: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with preparation batch 880-132793 and analytical batch 880-132814 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

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

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-35 (5')

**Lab Sample ID: 880-68696-1**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:12 | 02/24/26 12:17 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 12:17 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 12:17 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 12:17 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 12:17 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 12:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *133* | *S1+* | *70 - 130* | *02/24/26 10:12* | *02/24/26 12:17* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *02/24/26 10:12* | *02/24/26 12:17* | *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 | | | 02/24/26 12:17 | 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 | | | 02/24/26 13:07 | 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 | | 02/23/26 17:52 | 02/24/26 13:07 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 13:07 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 13:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *59* | *S1-* | *70 - 130* | *02/23/26 17:52* | *02/24/26 13:07* | *1* |
| *o-Terphenyl (Surr)* | *60* | *S1-* | *70 - 130* | *02/23/26 17:52* | *02/24/26 13:07* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **32.8** | | 10.0 | | mg/Kg | | | 02/24/26 11:29 | 1 |

## Client Sample ID: CS-36 (5')

**Lab Sample ID: 880-68696-2**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:12 | 02/24/26 12:37 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 12:37 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 12:37 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 12:37 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 12:37 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 12:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *158* | *S1+* | *70 - 130* | *02/24/26 10:12* | *02/24/26 12:37* | *1* |
| *1,4-Difluorobenzene (Surr)* | *88* | | *70 - 130* | *02/24/26 10:12* | *02/24/26 12:37* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-36 (5')

**Lab Sample ID: 880-68696-2**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | | 02/24/26 12:37 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 02/24/26 13:36 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 13:36 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 13:36 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 13:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *74* | | *70 - 130* | *02/23/26 17:52* | *02/24/26 13:36* | *1* |
| *o-Terphenyl (Surr)* | *75* | | *70 - 130* | *02/23/26 17:52* | *02/24/26 13:36* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **131** | | 10.1 | | mg/Kg | | | 02/24/26 11:35 | 1 |

## Client Sample ID: CS-37 (5')

**Lab Sample ID: 880-68696-3**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:12 | 02/24/26 12:58 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 12:58 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 12:58 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 12:58 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 12:58 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 12:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *162* | *S1+* | *70 - 130* | *02/24/26 10:12* | *02/24/26 12:58* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *02/24/26 10:12* | *02/24/26 12:58* | *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 | | | 02/24/26 12:58 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 02/24/26 13:52 | 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 | | 02/23/26 17:52 | 02/24/26 13:52 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 13:52 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-37 (5')

**Lab Sample ID: 880-68696-3**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/23/26 17:52 | 02/24/26 13:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *114* | | *70 - 130* | *02/23/26 17:52* | *02/24/26 13:52* | *1* |
| *o-Terphenyl (Surr)* | *113* | | *70 - 130* | *02/23/26 17:52* | *02/24/26 13:52* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **6840** | **F1** | 101 | | mg/Kg | | | 02/24/26 12:47 | 10 |

## Client Sample ID: CS-38 (5')

**Lab Sample ID: 880-68696-4**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:12 | 02/24/26 13:18 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 13:18 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 13:18 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 13:18 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 13:18 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 13:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *157* | *S1+* | *70 - 130* | *02/24/26 10:12* | *02/24/26 13:18* | *1* |
| *1,4-Difluorobenzene (Surr)* | *92* | | *70 - 130* | *02/24/26 10:12* | *02/24/26 13:18* | *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 | | | 02/24/26 13:18 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 02/24/26 14:07 | 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 | <49.9 | U | 49.9 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 14:07 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 14:07 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 14:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *136* | *S1+* | *70 - 130* | *02/23/26 17:52* | *02/24/26 14:07* | *1* |
| *o-Terphenyl (Surr)* | *134* | *S1+* | *70 - 130* | *02/23/26 17:52* | *02/24/26 14:07* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **143** | | 10.0 | | mg/Kg | | | 02/24/26 13:03 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-39 (5')

**Lab Sample ID: 880-68696-5**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:12 | 02/24/26 13:39 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 13:39 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 13:39 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 13:39 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 13:39 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 13:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *155* | *S1+* | *70 - 130* | *02/24/26 10:12* | *02/24/26 13:39* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *02/24/26 10:12* | *02/24/26 13:39* | *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 | | | 02/24/26 13:39 | 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 | | | 02/24/26 14:42 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 14:42 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 14:42 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 14:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *43* | *S1-* | *70 - 130* | *02/23/26 17:52* | *02/24/26 14:42* | *1* |
| *o-Terphenyl (Surr)* | *43* | *S1-* | *70 - 130* | *02/23/26 17:52* | *02/24/26 14:42* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **154** | | 10.1 | | mg/Kg | | | 02/24/26 13:09 | 1 |

## Client Sample ID: CS-40 (5')

**Lab Sample ID: 880-68696-6**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:12 | 02/24/26 13:59 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 13:59 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 13:59 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 13:59 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 13:59 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 13:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *147* | *S1+* | *70 - 130* | *02/24/26 10:12* | *02/24/26 13:59* | *1* |
| *1,4-Difluorobenzene (Surr)* | *89* | | *70 - 130* | *02/24/26 10:12* | *02/24/26 13:59* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-40 (5')

**Lab Sample ID: 880-68696-6**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | | 02/24/26 13:59 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 02/24/26 14:57 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 14:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 14:57 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 14:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *90* | | *70 - 130* | *02/23/26 17:52* | *02/24/26 14:57* | *1* |
| *o-Terphenyl (Surr)* | *91* | | *70 - 130* | *02/23/26 17:52* | *02/24/26 14:57* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **260** | | 9.96 | | mg/Kg | | | 02/24/26 13:14 | 1 |

## Client Sample ID: CS-41 (5')

**Lab Sample ID: 880-68696-7**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:12 | 02/24/26 14:20 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 14:20 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 14:20 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 14:20 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 14:20 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 14:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *149* | *S1+* | *70 - 130* | *02/24/26 10:12* | *02/24/26 14:20* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *02/24/26 10:12* | *02/24/26 14:20* | *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 | | | 02/24/26 14:20 | 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 | | | 02/24/26 15:11 | 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 | | 02/23/26 17:52 | 02/24/26 15:11 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 15:11 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-41 (5')

**Lab Sample ID: 880-68696-7**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/23/26 17:52 | 02/24/26 15:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *88* | | *70 - 130* | *02/23/26 17:52* | *02/24/26 15:11* | *1* |
| *o-Terphenyl (Surr)* | *88* | | *70 - 130* | *02/23/26 17:52* | *02/24/26 15:11* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **101** | | 9.98 | | mg/Kg | | | 02/24/26 13:19 | 1 |

## Client Sample ID: CS-42 (5')

**Lab Sample ID: 880-68696-8**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:12 | 02/24/26 14:40 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 14:40 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 14:40 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 14:40 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 14:40 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 14:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *174* | *S1+* | *70 - 130* | *02/24/26 10:12* | *02/24/26 14:40* | *1* |
| *1,4-Difluorobenzene (Surr)* | *109* | | *70 - 130* | *02/24/26 10:12* | *02/24/26 14:40* | *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 | | | 02/24/26 14:40 | 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 | | | 02/24/26 15:26 | 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 | | 02/23/26 17:52 | 02/24/26 15:26 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 15:26 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 15:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *50* | *S1-* | *70 - 130* | *02/23/26 17:52* | *02/24/26 15:26* | *1* |
| *o-Terphenyl (Surr)* | *52* | *S1-* | *70 - 130* | *02/23/26 17:52* | *02/24/26 15:26* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **182** | | 9.92 | | mg/Kg | | | 02/24/26 14:33 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-43 (5')

**Lab Sample ID: 880-68696-9**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:12 | 02/24/26 15:01 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 15:01 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 15:01 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 15:01 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 15:01 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 15:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *164* | *S1+* | *70 - 130* | *02/24/26 10:12* | *02/24/26 15:01* | *1* |
| *1,4-Difluorobenzene (Surr)* | *92* | | *70 - 130* | *02/24/26 10:12* | *02/24/26 15:01* | *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 | | | 02/24/26 15:01 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 02/24/26 15:41 | 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 | <49.8 | U | 49.8 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 15:41 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 15:41 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 15:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *60* | *S1-* | *70 - 130* | *02/23/26 17:52* | *02/24/26 15:41* | *1* |
| *o-Terphenyl (Surr)* | *58* | *S1-* | *70 - 130* | *02/23/26 17:52* | *02/24/26 15:41* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **408** | | 10.1 | | mg/Kg | | | 02/24/26 14:39 | 1 |

## Client Sample ID: CS-44 (5')

**Lab Sample ID: 880-68696-10**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:12 | 02/24/26 15:22 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 15:22 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 15:22 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 15:22 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 15:22 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 15:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *172* | *S1+* | *70 - 130* | *02/24/26 10:12* | *02/24/26 15:22* | *1* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* | *02/24/26 10:12* | *02/24/26 15:22* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-44 (5')

**Lab Sample ID: 880-68696-10**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | | 02/24/26 15:22 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 02/24/26 15:56 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 15:56 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 15:56 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 15:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *70* | | *70 - 130* | *02/23/26 17:52* | *02/24/26 15:56* | *1* |
| *o-Terphenyl (Surr)* | *67* | *S1-* | *70 - 130* | *02/23/26 17:52* | *02/24/26 15:56* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **97.7** | | 9.94 | | mg/Kg | | | 02/24/26 14:44 | 1 |

## Client Sample ID: CS-45 (5'

**Lab Sample ID: 880-68696-11**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:22 | 02/24/26 12:45 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 12:45 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 12:45 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 12:45 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 12:45 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 12:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *105* | | *70 - 130* | *02/24/26 10:22* | *02/24/26 12:45* | *1* |
| *1,4-Difluorobenzene (Surr)* | *93* | | *70 - 130* | *02/24/26 10:22* | *02/24/26 12:45* | *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 | | | 02/24/26 12:45 | 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 | | | 02/24/26 16:11 | 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 | <50.1 | U | 50.1 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 16:11 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 16:11 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-45 (5'

**Lab Sample ID: 880-68696-11**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/23/26 17:52 | 02/24/26 16:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *68* | *S1-* | *70 - 130* | *02/23/26 17:52* | *02/24/26 16:11* | *1* |
| *o-Terphenyl (Surr)* | *68* | *S1-* | *70 - 130* | *02/23/26 17:52* | *02/24/26 16:11* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **140** | | 9.90 | | mg/Kg | | | 02/24/26 14:49 | 1 |

## Client Sample ID: CS-46 (5')

**Lab Sample ID: 880-68696-12**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:22 | 02/24/26 13:05 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 13:05 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 13:05 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 13:05 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 13:05 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 13:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* | *02/24/26 10:22* | *02/24/26 13:05* | *1* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* | *02/24/26 10:22* | *02/24/26 13:05* | *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 | | | 02/24/26 13:05 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 02/24/26 10:24 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U F1 | 50.2 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 10:24 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U F1 | 50.2 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 10:24 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 10:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *55* | *S1-* | *70 - 130* | *02/23/26 17:55* | *02/24/26 10:24* | *1* |
| *o-Terphenyl (Surr)* | *52* | *S1-* | *70 - 130* | *02/23/26 17:55* | *02/24/26 10:24* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **466** | | 10.0 | | mg/Kg | | | 02/24/26 14:55 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-47 (5')

**Lab Sample ID: 880-68696-13**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:22 | 02/24/26 13:26 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 13:26 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 13:26 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 13:26 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 13:26 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 13:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* | *02/24/26 10:22* | *02/24/26 13:26* | *1* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* | *02/24/26 10:22* | *02/24/26 13:26* | *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 | | | 02/24/26 13:26 | 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 | | | 02/24/26 11:08 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 11:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 11:08 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 11:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *32* | *S1-* | *70 - 130* | *02/23/26 17:55* | *02/24/26 11:08* | *1* |
| *o-Terphenyl (Surr)* | *29* | *S1-* | *70 - 130* | *02/23/26 17:55* | *02/24/26 11:08* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **537** | | 9.96 | | mg/Kg | | | 02/24/26 15:00 | 1 |

## Client Sample ID: CS-48 (5')

**Lab Sample ID: 880-68696-14**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:22 | 02/24/26 13:46 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 13:46 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 13:46 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 13:46 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 13:46 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 13:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* | *02/24/26 10:22* | *02/24/26 13:46* | *1* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* | *02/24/26 10:22* | *02/24/26 13:46* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-48 (5')

**Lab Sample ID: 880-68696-14**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | | 02/24/26 13:46 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 02/24/26 11:23 | 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 | 49.8 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 11:23 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 11:23 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 11:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *15* | *S1-* | *70 - 130* | *02/23/26 17:55* | *02/24/26 11:23* | *1* |
| *o-Terphenyl (Surr)* | *15* | *S1-* | *70 - 130* | *02/23/26 17:55* | *02/24/26 11:23* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **157** | | 9.92 | | mg/Kg | | | 02/24/26 15:16 | 1 |

## Client Sample ID: CS-49 (5')

**Lab Sample ID: 880-68696-15**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:22 | 02/24/26 14:07 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 14:07 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 14:07 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 14:07 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 14:07 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 14:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* | *02/24/26 10:22* | *02/24/26 14:07* | *1* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* | *02/24/26 10:22* | *02/24/26 14:07* | *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 | | | 02/24/26 14:07 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 02/24/26 11:38 | 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 | 49.9 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 11:38 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 11:38 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-49 (5')

**Lab Sample ID: 880-68696-15**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/23/26 17:55 | 02/24/26 11:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *34* | *S1-* | *70 - 130* | *02/23/26 17:55* | *02/24/26 11:38* | *1* |
| *o-Terphenyl (Surr)* | *33* | *S1-* | *70 - 130* | *02/23/26 17:55* | *02/24/26 11:38* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **128** | | 9.98 | | mg/Kg | | | 02/24/26 15:21 | 1 |

## Client Sample ID: CS-50 (5')

**Lab Sample ID: 880-68696-16**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:22 | 02/24/26 14:27 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 14:27 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 14:27 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 14:27 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 14:27 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 14:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *70 - 130* | *02/24/26 10:22* | *02/24/26 14:27* | *1* |
| *1,4-Difluorobenzene (Surr)* | *93* | | *70 - 130* | *02/24/26 10:22* | *02/24/26 14:27* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 02/24/26 14:27 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 02/24/26 11:53 | 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 | <50.4 | U | 50.4 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 11:53 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 11:53 | 1 |
| Oil Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 11:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *32* | *S1-* | *70 - 130* | *02/23/26 17:55* | *02/24/26 11:53* | *1* |
| *o-Terphenyl (Surr)* | *31* | *S1-* | *70 - 130* | *02/23/26 17:55* | *02/24/26 11:53* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **70.3** | | 10.1 | | mg/Kg | | | 02/24/26 15:37 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-51 (5')

**Lab Sample ID: 880-68696-17**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:22 | 02/24/26 14:48 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 14:48 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 14:48 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 14:48 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 14:48 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 14:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* | *02/24/26 10:22* | *02/24/26 14:48* | *1* |
| *1,4-Difluorobenzene (Surr)* | *93* | | *70 - 130* | *02/24/26 10:22* | *02/24/26 14:48* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 02/24/26 14:48 | 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 | | | 02/24/26 12:08 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 12:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 12:08 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 12:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *40* | *S1-* | *70 - 130* | *02/23/26 17:55* | *02/24/26 12:08* | *1* |
| *o-Terphenyl (Surr)* | *38* | *S1-* | *70 - 130* | *02/23/26 17:55* | *02/24/26 12:08* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **184** | | 9.94 | | mg/Kg | | | 02/24/26 15:43 | 1 |

## Client Sample ID: CS-52 (5')

**Lab Sample ID: 880-68696-18**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:22 | 02/24/26 15:08 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 15:08 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 15:08 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 15:08 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 15:08 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 15:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *70 - 130* | *02/24/26 10:22* | *02/24/26 15:08* | *1* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* | *02/24/26 10:22* | *02/24/26 15:08* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-52 (5')

**Lab Sample ID: 880-68696-18**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | | 02/24/26 15:08 | 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 | | | 02/24/26 12:22 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 12:22 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 12:22 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 12:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *70* | | *70 - 130* | *02/23/26 17:55* | *02/24/26 12:22* | *1* |
| *o-Terphenyl (Surr)* | *66* | *S1-* | *70 - 130* | *02/23/26 17:55* | *02/24/26 12:22* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **104** | | 9.92 | | mg/Kg | | | 02/24/26 15:48 | 1 |

## Client Sample ID: CS-53 (5')

**Lab Sample ID: 880-68696-19**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:22 | 02/24/26 15:29 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 15:29 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 15:29 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 15:29 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 15:29 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 15:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *70 - 130* | *02/24/26 10:22* | *02/24/26 15:29* | *1* |
| *1,4-Difluorobenzene (Surr)* | *92* | | *70 - 130* | *02/24/26 10:22* | *02/24/26 15:29* | *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 | | | 02/24/26 15:29 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 02/24/26 12:37 | 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 | <49.9 | U | 49.9 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 12:37 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 12:37 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-53 (5')

**Lab Sample ID: 880-68696-19**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/23/26 17:55 | 02/24/26 12:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *36* | *S1-* | *70 - 130* | *02/23/26 17:55* | *02/24/26 12:37* | *1* |
| *o-Terphenyl (Surr)* | *35* | *S1-* | *70 - 130* | *02/23/26 17:55* | *02/24/26 12:37* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **174** | | 10.0 | | mg/Kg | | | 02/24/26 15:53 | 1 |

## Client Sample ID: CS-54 (15')

**Lab Sample ID: 880-68696-20**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:22 | 02/24/26 15:49 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 15:49 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 15:49 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 15:49 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 15:49 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 15:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *70 - 130* | *02/24/26 10:22* | *02/24/26 15:49* | *1* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* | *02/24/26 10:22* | *02/24/26 15:49* | *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 | | | 02/24/26 15:49 | 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 | | | 02/24/26 12:52 | 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 | | 02/23/26 17:55 | 02/24/26 12:52 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 12:52 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 12:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *29* | *S1-* | *70 - 130* | *02/23/26 17:55* | *02/24/26 12:52* | *1* |
| *o-Terphenyl (Surr)* | *27* | *S1-* | *70 - 130* | *02/23/26 17:55* | *02/24/26 12:52* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **38.7** | | 9.94 | | mg/Kg | | | 02/24/26 15:59 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-55 (15')

**Lab Sample ID: 880-68696-21**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 09:45 | 02/24/26 12:36 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 12:36 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 12:36 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 12:36 | 1 |
| o-Xylene | <0.00200 | U *+ | 0.00200 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 12:36 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 12:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *02/24/26 09:45* | *02/24/26 12:36* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *02/24/26 09:45* | *02/24/26 12:36* | *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 | | | 02/24/26 12:36 | 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 | | | 02/24/26 13:07 | 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 | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 13:07 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 13:07 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 13:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *20* | *S1-* | *70 - 130* | *02/23/26 17:55* | *02/24/26 13:07* | *1* |
| *o-Terphenyl (Surr)* | *19* | *S1-* | *70 - 130* | *02/23/26 17:55* | *02/24/26 13:07* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **104** | | 9.90 | | mg/Kg | | | 02/24/26 11:17 | 1 |

## Client Sample ID: CS-56 (15')

**Lab Sample ID: 880-68696-22**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 09:45 | 02/24/26 12:57 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 12:57 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 12:57 | 1 |
| m,p-Xylenes | <0.00403 | U | 0.00403 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 12:57 | 1 |
| o-Xylene | <0.00202 | U *+ | 0.00202 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 12:57 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 12:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *113* | | *70 - 130* | *02/24/26 09:45* | *02/24/26 12:57* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *02/24/26 09:45* | *02/24/26 12:57* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-56 (15')

**Lab Sample ID: 880-68696-22**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | | 02/24/26 12:57 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 02/24/26 13:36 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 13:36 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 13:36 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 13:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *19* | *S1-* | *70 - 130* | *02/23/26 17:55* | *02/24/26 13:36* | *1* |
| *o-Terphenyl (Surr)* | *17* | *S1-* | *70 - 130* | *02/23/26 17:55* | *02/24/26 13:36* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **37.0** | | 9.96 | | mg/Kg | | | 02/24/26 11:37 | 1 |

## Client Sample ID: CS-57 (15')

**Lab Sample ID: 880-68696-23**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 09:45 | 02/24/26 13:17 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 13:17 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 13:17 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 13:17 | 1 |
| **o-Xylene** | **0.00250** | ***+** | 0.00202 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 13:17 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 13:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *135* | *S1+* | *70 - 130* | *02/24/26 09:45* | *02/24/26 13:17* | *1* |
| *1,4-Difluorobenzene (Surr)* | *117* | | *70 - 130* | *02/24/26 09:45* | *02/24/26 13:17* | *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 | | | 02/24/26 13:17 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 02/24/26 13:52 | 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 | | 02/23/26 17:55 | 02/24/26 13:52 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 13:52 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-57 (15')

**Lab Sample ID: 880-68696-23**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/23/26 17:55 | 02/24/26 13:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *28* | *S1-* | *70 - 130* | *02/23/26 17:55* | *02/24/26 13:52* | *1* |
| *o-Terphenyl (Surr)* | *28* | *S1-* | *70 - 130* | *02/23/26 17:55* | *02/24/26 13:52* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **107** | | 10.0 | | mg/Kg | | | 02/24/26 11:44 | 1 |

## Client Sample ID: CS-58 (15')

**Lab Sample ID: 880-68696-24**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 09:45 | 02/24/26 13:37 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 13:37 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 13:37 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 13:37 | 1 |
| o-Xylene | <0.00199 | U *+ | 0.00199 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 13:37 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 13:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *118* | | *70 - 130* | *02/24/26 09:45* | *02/24/26 13:37* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *02/24/26 09:45* | *02/24/26 13:37* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 02/24/26 13:37 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 02/24/26 14:27 | 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 | <50.5 | U | 50.5 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 14:27 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 14:27 | 1 |
| Oil Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 14:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *160* | *S1+* | *70 - 130* | *02/23/26 17:55* | *02/24/26 14:27* | *1* |
| *o-Terphenyl (Surr)* | *153* | *S1+* | *70 - 130* | *02/23/26 17:55* | *02/24/26 14:27* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **52.6** | | 10.1 | | mg/Kg | | | 02/24/26 11:50 | 1 |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | BFB1 | DFBZ1 | | | | | | | | | | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | | | | | | | | | | |
| 880-68696-1 | CS-35 (5') | 133 S1+ | 97 | | | | | | | | | | |
| 880-68696-1 MS | CS-35 (5') | 120 | 87 | | | | | | | | | | |
| 880-68696-1 MSD | CS-35 (5') | 116 | 87 | | | | | | | | | | |
| 880-68696-2 | CS-36 (5') | 158 S1+ | 88 | | | | | | | | | | |
| 880-68696-3 | CS-37 (5') | 162 S1+ | 97 | | | | | | | | | | |
| 880-68696-4 | CS-38 (5') | 157 S1+ | 92 | | | | | | | | | | |
| 880-68696-5 | CS-39 (5') | 155 S1+ | 96 | | | | | | | | | | |
| 880-68696-6 | CS-40 (5') | 147 S1+ | 89 | | | | | | | | | | |
| 880-68696-7 | CS-41 (5') | 149 S1+ | 101 | | | | | | | | | | |
| 880-68696-8 | CS-42 (5') | 174 S1+ | 109 | | | | | | | | | | |
| 880-68696-9 | CS-43 (5') | 164 S1+ | 92 | | | | | | | | | | |
| 880-68696-10 | CS-44 (5') | 172 S1+ | 94 | | | | | | | | | | |
| 880-68696-11 | CS-45 (5' | 105 | 93 | | | | | | | | | | |
| 880-68696-11 MS | CS-45 (5' | 101 | 93 | | | | | | | | | | |
| 880-68696-11 MSD | CS-45 (5' | 104 | 92 | | | | | | | | | | |
| 880-68696-12 | CS-46 (5') | 100 | 94 | | | | | | | | | | |
| 880-68696-13 | CS-47 (5') | 98 | 94 | | | | | | | | | | |
| 880-68696-14 | CS-48 (5') | 95 | 94 | | | | | | | | | | |
| 880-68696-15 | CS-49 (5') | 95 | 94 | | | | | | | | | | |
| 880-68696-16 | CS-50 (5') | 92 | 93 | | | | | | | | | | |
| 880-68696-17 | CS-51 (5') | 100 | 93 | | | | | | | | | | |
| 880-68696-18 | CS-52 (5') | 104 | 94 | | | | | | | | | | |
| 880-68696-19 | CS-53 (5') | 104 | 92 | | | | | | | | | | |
| 880-68696-20 | CS-54 (15') | 94 | 95 | | | | | | | | | | |
| 880-68696-21 | CS-55 (15') | 97 | 99 | | | | | | | | | | |
| 880-68696-21 MS | CS-55 (15') | 127 | 108 | | | | | | | | | | |
| 880-68696-21 MSD | CS-55 (15') | 113 | 101 | | | | | | | | | | |
| 880-68696-22 | CS-56 (15') | 113 | 101 | | | | | | | | | | |
| 880-68696-23 | CS-57 (15') | 135 S1+ | 117 | | | | | | | | | | |
| 880-68696-24 | CS-58 (15') | 118 | 101 | | | | | | | | | | |
| LCS 880-132737/1-A | Lab Control Sample | 114 | 96 | | | | | | | | | | |
| LCS 880-132815/1-A | Lab Control Sample | 129 | 90 | | | | | | | | | | |
| LCS 880-132823/1-A | Lab Control Sample | 98 | 96 | | | | | | | | | | |
| LCSD 880-132737/2-A | Lab Control Sample Dup | 114 | 104 | | | | | | | | | | |
| LCSD 880-132815/2-A | Lab Control Sample Dup | 124 | 91 | | | | | | | | | | |
| LCSD 880-132823/2-A | Lab Control Sample Dup | 108 | 89 | | | | | | | | | | |
| MB 880-132737/5-A | Method Blank | 212 S1+ | 125 | | | | | | | | | | |
| MB 880-132815/5-A | Method Blank | 150 S1+ | 87 | | | | | | | | | | |
| MB 880-132823/5-A | Method Blank | 93 | 93 | | | | | | | | | | |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

# Surrogate Summary

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## 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) |
| 880-68695-A-1-B MS | Matrix Spike | 44 S1- | 34 S1- |
| 880-68695-A-1-C MSD | Matrix Spike Duplicate | 42 S1- | 34 S1- |
| 880-68696-1 | CS-35 (5') | 59 S1- | 60 S1- |
| 880-68696-2 | CS-36 (5') | 74 | 75 |
| 880-68696-3 | CS-37 (5') | 114 | 113 |
| 880-68696-4 | CS-38 (5') | 136 S1+ | 134 S1+ |
| 880-68696-5 | CS-39 (5') | 43 S1- | 43 S1- |
| 880-68696-6 | CS-40 (5') | 90 | 91 |
| 880-68696-7 | CS-41 (5') | 88 | 88 |
| 880-68696-8 | CS-42 (5') | 50 S1- | 52 S1- |
| 880-68696-9 | CS-43 (5') | 60 S1- | 58 S1- |
| 880-68696-10 | CS-44 (5') | 70 | 67 S1- |
| 880-68696-11 | CS-45 (5' | 68 S1- | 68 S1- |
| 880-68696-12 | CS-46 (5') | 55 S1- | 52 S1- |
| 880-68696-12 MS | CS-46 (5') | 23 S1- | 22 S1- |
| 880-68696-12 MSD | CS-46 (5') | 23 S1- | 22 S1- |
| 880-68696-13 | CS-47 (5') | 32 S1- | 29 S1- |
| 880-68696-14 | CS-48 (5') | 15 S1- | 15 S1- |
| 880-68696-15 | CS-49 (5') | 34 S1- | 33 S1- |
| 880-68696-16 | CS-50 (5') | 32 S1- | 31 S1- |
| 880-68696-17 | CS-51 (5') | 40 S1- | 38 S1- |
| 880-68696-18 | CS-52 (5') | 70 | 66 S1- |
| 880-68696-19 | CS-53 (5') | 36 S1- | 35 S1- |
| 880-68696-20 | CS-54 (15') | 29 S1- | 27 S1- |
| 880-68696-21 | CS-55 (15') | 20 S1- | 19 S1- |
| 880-68696-22 | CS-56 (15') | 19 S1- | 17 S1- |
| 880-68696-23 | CS-57 (15') | 28 S1- | 28 S1- |
| 880-68696-24 | CS-58 (15') | 160 S1+ | 153 S1+ |
| LCS 880-132772/2-A | Lab Control Sample | 104 | 108 |
| LCS 880-132773/2-A | Lab Control Sample | 93 | 96 |
| LCSD 880-132772/3-A | Lab Control Sample Dup | 102 | 107 |
| LCSD 880-132773/3-A | Lab Control Sample Dup | 98 | 100 |
| MB 880-132772/1-A | Method Blank | 158 S1+ | 163 S1+ |
| MB 880-132773/1-A | Method Blank | 138 S1+ | 130 |

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

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

**Lab Sample ID: MB 880-132737/5-A**
**Matrix: Solid**
**Analysis Batch: 132803**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 132737**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 12:07 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 12:07 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 12:07 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 12:07 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 12:07 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 02/24/26 09:45 | 02/24/26 12:07 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *212* | *S1+* | *70 - 130* | *02/24/26 09:45* | *02/24/26 12:07* | *1* |
| *1,4-Difluorobenzene (Surr)* | *125* | | *70 - 130* | *02/24/26 09:45* | *02/24/26 12:07* | *1* |

**Lab Sample ID: LCS 880-132737/1-A**
**Matrix: Solid**
**Analysis Batch: 132803**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 132737**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1035 | | mg/Kg | | 103 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.1027 | | mg/Kg | | 103 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.09111 | | mg/Kg | | 91 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2230 | | mg/Kg | | 111 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1357 | *+ | mg/Kg | | 136 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *114* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* |

**Lab Sample ID: LCSD 880-132737/2-A**
**Matrix: Solid**
**Analysis Batch: 132803**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 132737**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1162 | | mg/Kg | | 116 | 70 - 130 | 12 | 35 |
| Toluene | | | 0.100 | 0.1007 | | mg/Kg | | 101 | 70 - 130 | 2 | 35 |
| Ethylbenzene | | | 0.100 | 0.1060 | | mg/Kg | | 106 | 70 - 130 | 15 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2546 | | mg/Kg | | 127 | 70 - 130 | 13 | 35 |
| o-Xylene | | | 0.100 | 0.1210 | | mg/Kg | | 121 | 70 - 130 | 11 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *114* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* |

**Lab Sample ID: 880-68696-21 MS**
**Matrix: Solid**
**Analysis Batch: 132803**

**Client Sample ID: CS-55 (15')**
**Prep Type: Total/NA**
**Prep Batch: 132737**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.1065 | | mg/Kg | | 106 | 70 - 130 | | |
| Toluene | <0.00200 | U | 0.100 | 0.08762 | | mg/Kg | | 88 | 70 - 130 | | |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

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

**Lab Sample ID: 880-68696-21 MS** — **Client Sample ID: CS-55 (15')**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 132803** — **Prep Batch: 132737**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | <0.00200 | U | 0.100 | 0.1005 | | mg/Kg | | 100 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.2486 | | mg/Kg | | 124 | 70 - 130 |
| o-Xylene | <0.00200 | U *+ | 0.100 | 0.1249 | | mg/Kg | | 125 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *127* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *108* | | *70 - 130* |

**Lab Sample ID: 880-68696-21 MSD** — **Client Sample ID: CS-55 (15')**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 132803** — **Prep Batch: 132737**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.08989 | | mg/Kg | | 90 | 70 - 130 | 17 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.06973 | | mg/Kg | | 70 | 70 - 130 | 23 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.09385 | | mg/Kg | | 94 | 70 - 130 | 7 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.2095 | | mg/Kg | | 105 | 70 - 130 | 17 | 35 |
| o-Xylene | <0.00200 | U *+ | 0.100 | 0.1147 | | mg/Kg | | 115 | 70 - 130 | 9 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *113* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* |

**Lab Sample ID: MB 880-132815/5-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 132801** — **Prep Batch: 132815**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 11:55 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 11:55 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 11:55 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 11:55 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 11:55 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 02/24/26 10:12 | 02/24/26 11:55 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *150* | *S1+* | *70 - 130* | *02/24/26 10:12* | *02/24/26 11:55* | *1* |
| *1,4-Difluorobenzene (Surr)* | *87* | | *70 - 130* | *02/24/26 10:12* | *02/24/26 11:55* | *1* |

**Lab Sample ID: LCS 880-132815/1-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 132801** — **Prep Batch: 132815**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.1197 | | mg/Kg | | 120 | 70 - 130 |
| Toluene | 0.100 | 0.1271 | | mg/Kg | | 127 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.1245 | | mg/Kg | | 124 | 70 - 130 |
| m,p-Xylenes | 0.200 | 0.2213 | | mg/Kg | | 111 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

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

**Lab Sample ID: LCS 880-132815/1-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 132801** — **Prep Batch: 132815**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| o-Xylene | | | 0.100 | 0.1175 | | mg/Kg | | 117 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *129* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *90* | | *70 - 130* |

**Lab Sample ID: LCSD 880-132815/2-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 132801** — **Prep Batch: 132815**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1204 | | mg/Kg | | 120 | 70 - 130 | 1 | 35 |
| Toluene | | | 0.100 | 0.1226 | | mg/Kg | | 123 | 70 - 130 | 4 | 35 |
| Ethylbenzene | | | 0.100 | 0.1262 | | mg/Kg | | 126 | 70 - 130 | 1 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2386 | | mg/Kg | | 119 | 70 - 130 | 8 | 35 |
| o-Xylene | | | 0.100 | 0.1154 | | mg/Kg | | 115 | 70 - 130 | 2 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *124* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *91* | | *70 - 130* |

**Lab Sample ID: 880-68696-1 MS** — **Client Sample ID: CS-35 (5')**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 132801** — **Prep Batch: 132815**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.1010 | | mg/Kg | | 101 | 70 - 130 | | |
| Toluene | <0.00200 | U | 0.100 | 0.1098 | | mg/Kg | | 110 | 70 - 130 | | |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.1104 | | mg/Kg | | 110 | 70 - 130 | | |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1981 | | mg/Kg | | 99 | 70 - 130 | | |
| o-Xylene | <0.00200 | U | 0.100 | 0.09920 | | mg/Kg | | 99 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *120* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *87* | | *70 - 130* |

**Lab Sample ID: 880-68696-1 MSD** — **Client Sample ID: CS-35 (5')**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 132801** — **Prep Batch: 132815**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.09839 | | mg/Kg | | 98 | 70 - 130 | 3 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.1042 | | mg/Kg | | 104 | 70 - 130 | 5 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.1044 | | mg/Kg | | 104 | 70 - 130 | 6 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1921 | | mg/Kg | | 96 | 70 - 130 | 3 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.09534 | | mg/Kg | | 95 | 70 - 130 | 4 | 35 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

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

**Lab Sample ID: 880-68696-1 MSD**
**Matrix: Solid**
**Analysis Batch: 132801**

**Client Sample ID: CS-35 (5')**
**Prep Type: Total/NA**
**Prep Batch: 132815**

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 116 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 87 | | 70 - 130 |

**Lab Sample ID: MB 880-132823/5-A**
**Matrix: Solid**
**Analysis Batch: 132802**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 132823**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 12:23 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 12:23 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 12:23 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 12:23 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 12:23 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 02/24/26 10:22 | 02/24/26 12:23 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 93 | | 70 - 130 | 02/24/26 10:22 | 02/24/26 12:23 | 1 |
| 1,4-Difluorobenzene (Surr) | 93 | | 70 - 130 | 02/24/26 10:22 | 02/24/26 12:23 | 1 |

**Lab Sample ID: LCS 880-132823/1-A**
**Matrix: Solid**
**Analysis Batch: 132802**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 132823**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.09168 | | mg/Kg | | 92 | 70 - 130 |
| Toluene | 0.100 | 0.1015 | | mg/Kg | | 102 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.09165 | | mg/Kg | | 92 | 70 - 130 |
| m,p-Xylenes | 0.200 | 0.1841 | | mg/Kg | | 92 | 70 - 130 |
| o-Xylene | 0.100 | 0.08763 | | mg/Kg | | 88 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 98 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 |

**Lab Sample ID: LCSD 880-132823/2-A**
**Matrix: Solid**
**Analysis Batch: 132802**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 132823**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.08581 | | mg/Kg | | 86 | 70 - 130 | 7 | 35 |
| Toluene | 0.100 | 0.1045 | | mg/Kg | | 105 | 70 - 130 | 3 | 35 |
| Ethylbenzene | 0.100 | 0.09828 | | mg/Kg | | 98 | 70 - 130 | 7 | 35 |
| m,p-Xylenes | 0.200 | 0.2060 | | mg/Kg | | 103 | 70 - 130 | 11 | 35 |
| o-Xylene | 0.100 | 0.1004 | | mg/Kg | | 100 | 70 - 130 | 14 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 108 | | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

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

**Lab Sample ID: LCSD 880-132823/2-A**
**Matrix: Solid**
**Analysis Batch: 132802**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 132823**

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1,4-Difluorobenzene (Surr) | 89 | | 70 - 130 |

**Lab Sample ID: 880-68696-11 MS**
**Matrix: Solid**
**Analysis Batch: 132802**

**Client Sample ID: CS-45 (5'**
**Prep Type: Total/NA**
**Prep Batch: 132823**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.07345 | | mg/Kg | | 73 | 70 - 130 |
| Toluene | <0.00200 | U | 0.100 | 0.08184 | | mg/Kg | | 82 | 70 - 130 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.07691 | | mg/Kg | | 77 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1535 | | mg/Kg | | 77 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.100 | 0.07431 | | mg/Kg | | 74 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 101 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 93 | | 70 - 130 |

**Lab Sample ID: 880-68696-11 MSD**
**Matrix: Solid**
**Analysis Batch: 132802**

**Client Sample ID: CS-45 (5'**
**Prep Type: Total/NA**
**Prep Batch: 132823**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.07345 | | mg/Kg | | 73 | 70 - 130 | 0 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.08891 | | mg/Kg | | 89 | 70 - 130 | 8 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.08266 | | mg/Kg | | 83 | 70 - 130 | 7 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1724 | | mg/Kg | | 86 | 70 - 130 | 12 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.08457 | | mg/Kg | | 85 | 70 - 130 | 13 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 104 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 92 | | 70 - 130 |

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

**Lab Sample ID: MB 880-132772/1-A**
**Matrix: Solid**
**Analysis Batch: 132809**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 132772**

| 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 | | 02/23/26 17:52 | 02/24/26 07:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 07:08 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 07:08 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 158 | S1+ | 70 - 130 | 02/23/26 17:52 | 02/24/26 07:08 | 1 |
| o-Terphenyl (Surr) | 163 | S1+ | 70 - 130 | 02/23/26 17:52 | 02/24/26 07:08 | 1 |

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# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

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

**Lab Sample ID: LCS 880-132772/2-A**
**Matrix: Solid**
**Analysis Batch: 132809**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 132772**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 968.7 | | mg/Kg | | 97 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 877.6 | | mg/Kg | | 88 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *104* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *108* | | *70 - 130* |

**Lab Sample ID: LCSD 880-132772/3-A**
**Matrix: Solid**
**Analysis Batch: 132809**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 132772**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 939.1 | | mg/Kg | | 94 | 70 - 130 | 3 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 872.4 | | mg/Kg | | 87 | 70 - 130 | 1 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *102* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* |

**Lab Sample ID: 880-68695-A-1-B MS**
**Matrix: Solid**
**Analysis Batch: 132809**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 132772**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U F1 | 997 | 234.2 | F1 | mg/Kg | | 23 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <50.0 | U F1 | 997 | 181.0 | F1 | mg/Kg | | 18 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *44* | *S1-* | *70 - 130* |
| *o-Terphenyl (Surr)* | *34* | *S1-* | *70 - 130* |

**Lab Sample ID: 880-68695-A-1-C MSD**
**Matrix: Solid**
**Analysis Batch: 132809**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 132772**

| 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 F1 | 997 | 220.4 | F1 | mg/Kg | | 22 | 70 - 130 | 6 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U F1 | 997 | 184.4 | F1 | mg/Kg | | 18 | 70 - 130 | 2 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *42* | *S1-* | *70 - 130* |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

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

**Lab Sample ID: 880-68695-A-1-C MSD**
**Matrix: Solid**
**Analysis Batch: 132809**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 132772**

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| o-Terphenyl (Surr) | 34 | S1- | 70 - 130 |

**Lab Sample ID: MB 880-132773/1-A**
**Matrix: Solid**
**Analysis Batch: 132811**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 132773**

| 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 | | 02/23/26 17:55 | 02/24/26 07:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 07:08 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:55 | 02/24/26 07:08 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 138 | S1+ | 70 - 130 | 02/23/26 17:55 | 02/24/26 07:08 | 1 |
| o-Terphenyl (Surr) | 130 | | 70 - 130 | 02/23/26 17:55 | 02/24/26 07:08 | 1 |

**Lab Sample ID: LCS 880-132773/2-A**
**Matrix: Solid**
**Analysis Batch: 132811**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 132773**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 886.0 | | mg/Kg | | 89 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 926.0 | | mg/Kg | | 93 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 93 | | 70 - 130 |
| o-Terphenyl (Surr) | 96 | | 70 - 130 |

**Lab Sample ID: LCSD 880-132773/3-A**
**Matrix: Solid**
**Analysis Batch: 132811**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 132773**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 955.9 | | mg/Kg | | 96 | 70 - 130 | 8 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 966.9 | | mg/Kg | | 97 | 70 - 130 | 4 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 98 | | 70 - 130 |
| o-Terphenyl (Surr) | 100 | | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

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

**Lab Sample ID: 880-68696-12 MS**
**Matrix: Solid**
**Analysis Batch: 132811**

**Client Sample ID: CS-46 (5')**
**Prep Type: Total/NA**
**Prep Batch: 132773**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U F1 | 999 | 276.8 | F1 | mg/Kg | | 26 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U F1 | 999 | 222.9 | F1 | mg/Kg | | 22 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *23* | *S1-* | *70 - 130* |
| *o-Terphenyl (Surr)* | *22* | *S1-* | *70 - 130* |

**Lab Sample ID: 880-68696-12 MSD**
**Matrix: Solid**
**Analysis Batch: 132811**

**Client Sample ID: CS-46 (5')**
**Prep Type: Total/NA**
**Prep Batch: 132773**

| 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 | <50.2 | U F1 | 999 | 279.2 | F1 | mg/Kg | | 26 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U F1 | 999 | 229.4 | F1 | mg/Kg | | 23 | 70 - 130 | 3 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *23* | *S1-* | *70 - 130* |
| *o-Terphenyl (Surr)* | *22* | *S1-* | *70 - 130* |

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-132792/1-A**
**Matrix: Solid**
**Analysis Batch: 132805**

**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 | | | 02/24/26 08:47 | 1 |

**Lab Sample ID: LCS 880-132792/2-A**
**Matrix: Solid**
**Analysis Batch: 132805**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 238.9 | | mg/Kg | | 96 | 90 - 110 |

**Lab Sample ID: LCSD 880-132792/3-A**
**Matrix: Solid**
**Analysis Batch: 132805**

**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 | 239.9 | | mg/Kg | | 96 | 90 - 110 | 0 | 20 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: 880-68695-A-4-C MS** — **Client Sample ID: Matrix Spike**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 132805**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 109 | | 249 | 367.3 | | mg/Kg | | 104 | 90 - 110 |

**Lab Sample ID: 880-68695-A-4-D MSD** — **Client Sample ID: Matrix Spike Duplicate**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 132805**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 109 | | 249 | 368.2 | | mg/Kg | | 104 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-132794/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 132807**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 02/24/26 10:57 | 1 |

**Lab Sample ID: LCS 880-132794/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 132807**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 244.9 | | mg/Kg | | 98 | 90 - 110 |

**Lab Sample ID: LCSD 880-132794/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 132807**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 250 | 245.2 | | mg/Kg | | 98 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-68696-21 MS** — **Client Sample ID: CS-55 (15')**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 132807**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 104 | | 248 | 351.9 | | mg/Kg | | 100 | 90 - 110 |

**Lab Sample ID: 880-68696-21 MSD** — **Client Sample ID: CS-55 (15')**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 132807**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 104 | | 248 | 351.9 | | mg/Kg | | 100 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-132793/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 132814**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 02/24/26 12:23 | 1 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: LCS 880-132793/2-A**
**Matrix: Solid**
**Analysis Batch: 132814**

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

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 230.1 | | mg/Kg | | 92 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-132793/3-A**
**Matrix: Solid**
**Analysis Batch: 132814**

**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 | 232.4 | | mg/Kg | | 93 | 90 - 110 | 1 | 20 |

**Lab Sample ID: 880-68696-3 MS**
**Matrix: Solid**
**Analysis Batch: 132814**

**Client Sample ID: CS-37 (5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 6840 | F1 | 2520 | 11950 | F1 | mg/Kg | | 203 | 90 - 110 | | |

**Lab Sample ID: 880-68696-3 MSD**
**Matrix: Solid**
**Analysis Batch: 132814**

**Client Sample ID: CS-37 (5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 6840 | F1 | 2520 | 11870 | F1 | mg/Kg | | 199 | 90 - 110 | 1 | 20 |

**Lab Sample ID: 880-68696-13 MS**
**Matrix: Solid**
**Analysis Batch: 132814**

**Client Sample ID: CS-47 (5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 537 | | 249 | 780.0 | | mg/Kg | | 98 | 90 - 110 | | |

**Lab Sample ID: 880-68696-13 MSD**
**Matrix: Solid**
**Analysis Batch: 132814**

**Client Sample ID: CS-47 (5')**
**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 | 773.6 | | mg/Kg | | 95 | 90 - 110 | 1 | 20 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## GC VOA

### Prep Batch: 132737

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68696-21 | CS-55 (15') | Total/NA | Solid | 5035 | |
| 880-68696-22 | CS-56 (15') | Total/NA | Solid | 5035 | |
| 880-68696-23 | CS-57 (15') | Total/NA | Solid | 5035 | |
| 880-68696-24 | CS-58 (15') | Total/NA | Solid | 5035 | |
| MB 880-132737/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-132737/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-132737/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-68696-21 MS | CS-55 (15') | Total/NA | Solid | 5035 | |
| 880-68696-21 MSD | CS-55 (15') | Total/NA | Solid | 5035 | |

### Analysis Batch: 132801

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68696-1 | CS-35 (5') | Total/NA | Solid | 8021B | 132815 |
| 880-68696-2 | CS-36 (5') | Total/NA | Solid | 8021B | 132815 |
| 880-68696-3 | CS-37 (5') | Total/NA | Solid | 8021B | 132815 |
| 880-68696-4 | CS-38 (5') | Total/NA | Solid | 8021B | 132815 |
| 880-68696-5 | CS-39 (5') | Total/NA | Solid | 8021B | 132815 |
| 880-68696-6 | CS-40 (5') | Total/NA | Solid | 8021B | 132815 |
| 880-68696-7 | CS-41 (5') | Total/NA | Solid | 8021B | 132815 |
| 880-68696-8 | CS-42 (5') | Total/NA | Solid | 8021B | 132815 |
| 880-68696-9 | CS-43 (5') | Total/NA | Solid | 8021B | 132815 |
| 880-68696-10 | CS-44 (5') | Total/NA | Solid | 8021B | 132815 |
| MB 880-132815/5-A | Method Blank | Total/NA | Solid | 8021B | 132815 |
| LCS 880-132815/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 132815 |
| LCSD 880-132815/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 132815 |
| 880-68696-1 MS | CS-35 (5') | Total/NA | Solid | 8021B | 132815 |
| 880-68696-1 MSD | CS-35 (5') | Total/NA | Solid | 8021B | 132815 |

### Analysis Batch: 132802

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68696-11 | CS-45 (5' | Total/NA | Solid | 8021B | 132823 |
| 880-68696-12 | CS-46 (5') | Total/NA | Solid | 8021B | 132823 |
| 880-68696-13 | CS-47 (5') | Total/NA | Solid | 8021B | 132823 |
| 880-68696-14 | CS-48 (5') | Total/NA | Solid | 8021B | 132823 |
| 880-68696-15 | CS-49 (5') | Total/NA | Solid | 8021B | 132823 |
| 880-68696-16 | CS-50 (5') | Total/NA | Solid | 8021B | 132823 |
| 880-68696-17 | CS-51 (5') | Total/NA | Solid | 8021B | 132823 |
| 880-68696-18 | CS-52 (5') | Total/NA | Solid | 8021B | 132823 |
| 880-68696-19 | CS-53 (5') | Total/NA | Solid | 8021B | 132823 |
| 880-68696-20 | CS-54 (15') | Total/NA | Solid | 8021B | 132823 |
| MB 880-132823/5-A | Method Blank | Total/NA | Solid | 8021B | 132823 |
| LCS 880-132823/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 132823 |
| LCSD 880-132823/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 132823 |
| 880-68696-11 MS | CS-45 (5' | Total/NA | Solid | 8021B | 132823 |
| 880-68696-11 MSD | CS-45 (5' | Total/NA | Solid | 8021B | 132823 |

### Analysis Batch: 132803

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68696-21 | CS-55 (15') | Total/NA | Solid | 8021B | 132737 |
| 880-68696-22 | CS-56 (15') | Total/NA | Solid | 8021B | 132737 |
| 880-68696-23 | CS-57 (15') | Total/NA | Solid | 8021B | 132737 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## GC VOA (Continued)

### Analysis Batch: 132803 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68696-24 | CS-58 (15') | Total/NA | Solid | 8021B | 132737 |
| MB 880-132737/5-A | Method Blank | Total/NA | Solid | 8021B | 132737 |
| LCS 880-132737/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 132737 |
| LCSD 880-132737/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 132737 |
| 880-68696-21 MS | CS-55 (15') | Total/NA | Solid | 8021B | 132737 |
| 880-68696-21 MSD | CS-55 (15') | Total/NA | Solid | 8021B | 132737 |

### Prep Batch: 132815

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68696-1 | CS-35 (5') | Total/NA | Solid | 5035 | |
| 880-68696-2 | CS-36 (5') | Total/NA | Solid | 5035 | |
| 880-68696-3 | CS-37 (5') | Total/NA | Solid | 5035 | |
| 880-68696-4 | CS-38 (5') | Total/NA | Solid | 5035 | |
| 880-68696-5 | CS-39 (5') | Total/NA | Solid | 5035 | |
| 880-68696-6 | CS-40 (5') | Total/NA | Solid | 5035 | |
| 880-68696-7 | CS-41 (5') | Total/NA | Solid | 5035 | |
| 880-68696-8 | CS-42 (5') | Total/NA | Solid | 5035 | |
| 880-68696-9 | CS-43 (5') | Total/NA | Solid | 5035 | |
| 880-68696-10 | CS-44 (5') | Total/NA | Solid | 5035 | |
| MB 880-132815/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-132815/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-132815/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-68696-1 MS | CS-35 (5') | Total/NA | Solid | 5035 | |
| 880-68696-1 MSD | CS-35 (5') | Total/NA | Solid | 5035 | |

### Prep Batch: 132823

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68696-11 | CS-45 (5' | Total/NA | Solid | 5035 | |
| 880-68696-12 | CS-46 (5') | Total/NA | Solid | 5035 | |
| 880-68696-13 | CS-47 (5') | Total/NA | Solid | 5035 | |
| 880-68696-14 | CS-48 (5') | Total/NA | Solid | 5035 | |
| 880-68696-15 | CS-49 (5') | Total/NA | Solid | 5035 | |
| 880-68696-16 | CS-50 (5') | Total/NA | Solid | 5035 | |
| 880-68696-17 | CS-51 (5') | Total/NA | Solid | 5035 | |
| 880-68696-18 | CS-52 (5') | Total/NA | Solid | 5035 | |
| 880-68696-19 | CS-53 (5') | Total/NA | Solid | 5035 | |
| 880-68696-20 | CS-54 (15') | Total/NA | Solid | 5035 | |
| MB 880-132823/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-132823/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-132823/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-68696-11 MS | CS-45 (5' | Total/NA | Solid | 5035 | |
| 880-68696-11 MSD | CS-45 (5' | Total/NA | Solid | 5035 | |

### Analysis Batch: 132884

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68696-1 | CS-35 (5') | Total/NA | Solid | Total BTEX | |
| 880-68696-2 | CS-36 (5') | Total/NA | Solid | Total BTEX | |
| 880-68696-3 | CS-37 (5') | Total/NA | Solid | Total BTEX | |
| 880-68696-4 | CS-38 (5') | Total/NA | Solid | Total BTEX | |
| 880-68696-5 | CS-39 (5') | Total/NA | Solid | Total BTEX | |
| 880-68696-6 | CS-40 (5') | Total/NA | Solid | Total BTEX | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## GC VOA (Continued)

### Analysis Batch: 132884 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68696-7 | CS-41 (5') | Total/NA | Solid | Total BTEX | |
| 880-68696-8 | CS-42 (5') | Total/NA | Solid | Total BTEX | |
| 880-68696-9 | CS-43 (5') | Total/NA | Solid | Total BTEX | |
| 880-68696-10 | CS-44 (5') | Total/NA | Solid | Total BTEX | |
| 880-68696-11 | CS-45 (5' | Total/NA | Solid | Total BTEX | |
| 880-68696-12 | CS-46 (5') | Total/NA | Solid | Total BTEX | |
| 880-68696-13 | CS-47 (5') | Total/NA | Solid | Total BTEX | |
| 880-68696-14 | CS-48 (5') | Total/NA | Solid | Total BTEX | |
| 880-68696-15 | CS-49 (5') | Total/NA | Solid | Total BTEX | |
| 880-68696-16 | CS-50 (5') | Total/NA | Solid | Total BTEX | |
| 880-68696-17 | CS-51 (5') | Total/NA | Solid | Total BTEX | |
| 880-68696-18 | CS-52 (5') | Total/NA | Solid | Total BTEX | |
| 880-68696-19 | CS-53 (5') | Total/NA | Solid | Total BTEX | |
| 880-68696-20 | CS-54 (15') | Total/NA | Solid | Total BTEX | |
| 880-68696-21 | CS-55 (15') | Total/NA | Solid | Total BTEX | |
| 880-68696-22 | CS-56 (15') | Total/NA | Solid | Total BTEX | |
| 880-68696-23 | CS-57 (15') | Total/NA | Solid | Total BTEX | |
| 880-68696-24 | CS-58 (15') | Total/NA | Solid | Total BTEX | |

## GC Semi VOA

### Prep Batch: 132772

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68696-1 | CS-35 (5') | Total/NA | Solid | 8015NM Prep | |
| 880-68696-2 | CS-36 (5') | Total/NA | Solid | 8015NM Prep | |
| 880-68696-3 | CS-37 (5') | Total/NA | Solid | 8015NM Prep | |
| 880-68696-4 | CS-38 (5') | Total/NA | Solid | 8015NM Prep | |
| 880-68696-5 | CS-39 (5') | Total/NA | Solid | 8015NM Prep | |
| 880-68696-6 | CS-40 (5') | Total/NA | Solid | 8015NM Prep | |
| 880-68696-7 | CS-41 (5') | Total/NA | Solid | 8015NM Prep | |
| 880-68696-8 | CS-42 (5') | Total/NA | Solid | 8015NM Prep | |
| 880-68696-9 | CS-43 (5') | Total/NA | Solid | 8015NM Prep | |
| 880-68696-10 | CS-44 (5') | Total/NA | Solid | 8015NM Prep | |
| 880-68696-11 | CS-45 (5' | Total/NA | Solid | 8015NM Prep | |
| MB 880-132772/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-132772/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-132772/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-68695-A-1-B MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-68695-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 132773

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68696-12 | CS-46 (5') | Total/NA | Solid | 8015NM Prep | |
| 880-68696-13 | CS-47 (5') | Total/NA | Solid | 8015NM Prep | |
| 880-68696-14 | CS-48 (5') | Total/NA | Solid | 8015NM Prep | |
| 880-68696-15 | CS-49 (5') | Total/NA | Solid | 8015NM Prep | |
| 880-68696-16 | CS-50 (5') | Total/NA | Solid | 8015NM Prep | |
| 880-68696-17 | CS-51 (5') | Total/NA | Solid | 8015NM Prep | |
| 880-68696-18 | CS-52 (5') | Total/NA | Solid | 8015NM Prep | |
| 880-68696-19 | CS-53 (5') | Total/NA | Solid | 8015NM Prep | |
| 880-68696-20 | CS-54 (15') | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## GC Semi VOA (Continued)

### Prep Batch: 132773 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68696-21 | CS-55 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68696-22 | CS-56 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68696-23 | CS-57 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68696-24 | CS-58 (15') | Total/NA | Solid | 8015NM Prep | |
| MB 880-132773/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-132773/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-132773/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-68696-12 MS | CS-46 (5') | Total/NA | Solid | 8015NM Prep | |
| 880-68696-12 MSD | CS-46 (5') | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 132809

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68696-1 | CS-35 (5') | Total/NA | Solid | 8015B NM | 132772 |
| 880-68696-2 | CS-36 (5') | Total/NA | Solid | 8015B NM | 132772 |
| 880-68696-3 | CS-37 (5') | Total/NA | Solid | 8015B NM | 132772 |
| 880-68696-4 | CS-38 (5') | Total/NA | Solid | 8015B NM | 132772 |
| 880-68696-5 | CS-39 (5') | Total/NA | Solid | 8015B NM | 132772 |
| 880-68696-6 | CS-40 (5') | Total/NA | Solid | 8015B NM | 132772 |
| 880-68696-7 | CS-41 (5') | Total/NA | Solid | 8015B NM | 132772 |
| 880-68696-8 | CS-42 (5') | Total/NA | Solid | 8015B NM | 132772 |
| 880-68696-9 | CS-43 (5') | Total/NA | Solid | 8015B NM | 132772 |
| 880-68696-10 | CS-44 (5') | Total/NA | Solid | 8015B NM | 132772 |
| 880-68696-11 | CS-45 (5' | Total/NA | Solid | 8015B NM | 132772 |
| MB 880-132772/1-A | Method Blank | Total/NA | Solid | 8015B NM | 132772 |
| LCS 880-132772/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 132772 |
| LCSD 880-132772/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 132772 |
| 880-68695-A-1-B MS | Matrix Spike | Total/NA | Solid | 8015B NM | 132772 |
| 880-68695-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 132772 |

### Analysis Batch: 132811

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68696-12 | CS-46 (5') | Total/NA | Solid | 8015B NM | 132773 |
| 880-68696-13 | CS-47 (5') | Total/NA | Solid | 8015B NM | 132773 |
| 880-68696-14 | CS-48 (5') | Total/NA | Solid | 8015B NM | 132773 |
| 880-68696-15 | CS-49 (5') | Total/NA | Solid | 8015B NM | 132773 |
| 880-68696-16 | CS-50 (5') | Total/NA | Solid | 8015B NM | 132773 |
| 880-68696-17 | CS-51 (5') | Total/NA | Solid | 8015B NM | 132773 |
| 880-68696-18 | CS-52 (5') | Total/NA | Solid | 8015B NM | 132773 |
| 880-68696-19 | CS-53 (5') | Total/NA | Solid | 8015B NM | 132773 |
| 880-68696-20 | CS-54 (15') | Total/NA | Solid | 8015B NM | 132773 |
| 880-68696-21 | CS-55 (15') | Total/NA | Solid | 8015B NM | 132773 |
| 880-68696-22 | CS-56 (15') | Total/NA | Solid | 8015B NM | 132773 |
| 880-68696-23 | CS-57 (15') | Total/NA | Solid | 8015B NM | 132773 |
| 880-68696-24 | CS-58 (15') | Total/NA | Solid | 8015B NM | 132773 |
| MB 880-132773/1-A | Method Blank | Total/NA | Solid | 8015B NM | 132773 |
| LCS 880-132773/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 132773 |
| LCSD 880-132773/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 132773 |
| 880-68696-12 MS | CS-46 (5') | Total/NA | Solid | 8015B NM | 132773 |
| 880-68696-12 MSD | CS-46 (5') | Total/NA | Solid | 8015B NM | 132773 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## GC Semi VOA

### Analysis Batch: 132895

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68696-1 | CS-35 (5') | Total/NA | Solid | 8015 NM | |
| 880-68696-2 | CS-36 (5') | Total/NA | Solid | 8015 NM | |
| 880-68696-3 | CS-37 (5') | Total/NA | Solid | 8015 NM | |
| 880-68696-4 | CS-38 (5') | Total/NA | Solid | 8015 NM | |
| 880-68696-5 | CS-39 (5') | Total/NA | Solid | 8015 NM | |
| 880-68696-6 | CS-40 (5') | Total/NA | Solid | 8015 NM | |
| 880-68696-7 | CS-41 (5') | Total/NA | Solid | 8015 NM | |
| 880-68696-8 | CS-42 (5') | Total/NA | Solid | 8015 NM | |
| 880-68696-9 | CS-43 (5') | Total/NA | Solid | 8015 NM | |
| 880-68696-10 | CS-44 (5') | Total/NA | Solid | 8015 NM | |
| 880-68696-11 | CS-45 (5' | Total/NA | Solid | 8015 NM | |
| 880-68696-12 | CS-46 (5') | Total/NA | Solid | 8015 NM | |
| 880-68696-13 | CS-47 (5') | Total/NA | Solid | 8015 NM | |
| 880-68696-14 | CS-48 (5') | Total/NA | Solid | 8015 NM | |
| 880-68696-15 | CS-49 (5') | Total/NA | Solid | 8015 NM | |
| 880-68696-16 | CS-50 (5') | Total/NA | Solid | 8015 NM | |
| 880-68696-17 | CS-51 (5') | Total/NA | Solid | 8015 NM | |
| 880-68696-18 | CS-52 (5') | Total/NA | Solid | 8015 NM | |
| 880-68696-19 | CS-53 (5') | Total/NA | Solid | 8015 NM | |
| 880-68696-20 | CS-54 (15') | Total/NA | Solid | 8015 NM | |
| 880-68696-21 | CS-55 (15') | Total/NA | Solid | 8015 NM | |
| 880-68696-22 | CS-56 (15') | Total/NA | Solid | 8015 NM | |
| 880-68696-23 | CS-57 (15') | Total/NA | Solid | 8015 NM | |
| 880-68696-24 | CS-58 (15') | Total/NA | Solid | 8015 NM | |

## HPLC/IC

### Leach Batch: 132792

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68696-1 | CS-35 (5') | Soluble | Solid | DI Leach | |
| 880-68696-2 | CS-36 (5') | Soluble | Solid | DI Leach | |
| MB 880-132792/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-132792/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-132792/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-68695-A-4-C MS | Matrix Spike | Soluble | Solid | DI Leach | |
| 880-68695-A-4-D MSD | Matrix Spike Duplicate | Soluble | Solid | DI Leach | |

### Leach Batch: 132793

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68696-3 | CS-37 (5') | Soluble | Solid | DI Leach | |
| 880-68696-4 | CS-38 (5') | Soluble | Solid | DI Leach | |
| 880-68696-5 | CS-39 (5') | Soluble | Solid | DI Leach | |
| 880-68696-6 | CS-40 (5') | Soluble | Solid | DI Leach | |
| 880-68696-7 | CS-41 (5') | Soluble | Solid | DI Leach | |
| 880-68696-8 | CS-42 (5') | Soluble | Solid | DI Leach | |
| 880-68696-9 | CS-43 (5') | Soluble | Solid | DI Leach | |
| 880-68696-10 | CS-44 (5') | Soluble | Solid | DI Leach | |
| 880-68696-11 | CS-45 (5' | Soluble | Solid | DI Leach | |
| 880-68696-12 | CS-46 (5') | Soluble | Solid | DI Leach | |
| 880-68696-13 | CS-47 (5') | Soluble | Solid | DI Leach | |
| 880-68696-14 | CS-48 (5') | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## HPLC/IC (Continued)

### Leach Batch: 132793 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68696-15 | CS-49 (5') | Soluble | Solid | DI Leach | |
| 880-68696-16 | CS-50 (5') | Soluble | Solid | DI Leach | |
| 880-68696-17 | CS-51 (5') | Soluble | Solid | DI Leach | |
| 880-68696-18 | CS-52 (5') | Soluble | Solid | DI Leach | |
| 880-68696-19 | CS-53 (5') | Soluble | Solid | DI Leach | |
| 880-68696-20 | CS-54 (15') | Soluble | Solid | DI Leach | |
| MB 880-132793/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-132793/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-132793/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-68696-3 MS | CS-37 (5') | Soluble | Solid | DI Leach | |
| 880-68696-3 MSD | CS-37 (5') | Soluble | Solid | DI Leach | |
| 880-68696-13 MS | CS-47 (5') | Soluble | Solid | DI Leach | |
| 880-68696-13 MSD | CS-47 (5') | Soluble | Solid | DI Leach | |

### Leach Batch: 132794

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68696-21 | CS-55 (15') | Soluble | Solid | DI Leach | |
| 880-68696-22 | CS-56 (15') | Soluble | Solid | DI Leach | |
| 880-68696-23 | CS-57 (15') | Soluble | Solid | DI Leach | |
| 880-68696-24 | CS-58 (15') | Soluble | Solid | DI Leach | |
| MB 880-132794/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-132794/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-132794/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-68696-21 MS | CS-55 (15') | Soluble | Solid | DI Leach | |
| 880-68696-21 MSD | CS-55 (15') | Soluble | Solid | DI Leach | |

### Analysis Batch: 132805

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68696-1 | CS-35 (5') | Soluble | Solid | 300.0 | 132792 |
| 880-68696-2 | CS-36 (5') | Soluble | Solid | 300.0 | 132792 |
| MB 880-132792/1-A | Method Blank | Soluble | Solid | 300.0 | 132792 |
| LCS 880-132792/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 132792 |
| LCSD 880-132792/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 132792 |
| 880-68695-A-4-C MS | Matrix Spike | Soluble | Solid | 300.0 | 132792 |
| 880-68695-A-4-D MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 132792 |

### Analysis Batch: 132807

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68696-21 | CS-55 (15') | Soluble | Solid | 300.0 | 132794 |
| 880-68696-22 | CS-56 (15') | Soluble | Solid | 300.0 | 132794 |
| 880-68696-23 | CS-57 (15') | Soluble | Solid | 300.0 | 132794 |
| 880-68696-24 | CS-58 (15') | Soluble | Solid | 300.0 | 132794 |
| MB 880-132794/1-A | Method Blank | Soluble | Solid | 300.0 | 132794 |
| LCS 880-132794/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 132794 |
| LCSD 880-132794/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 132794 |
| 880-68696-21 MS | CS-55 (15') | Soluble | Solid | 300.0 | 132794 |
| 880-68696-21 MSD | CS-55 (15') | Soluble | Solid | 300.0 | 132794 |

### Analysis Batch: 132814

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68696-3 | CS-37 (5') | Soluble | Solid | 300.0 | 132793 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## HPLC/IC (Continued)

### Analysis Batch: 132814 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68696-4 | CS-38 (5') | Soluble | Solid | 300.0 | 132793 |
| 880-68696-5 | CS-39 (5') | Soluble | Solid | 300.0 | 132793 |
| 880-68696-6 | CS-40 (5') | Soluble | Solid | 300.0 | 132793 |
| 880-68696-7 | CS-41 (5') | Soluble | Solid | 300.0 | 132793 |
| 880-68696-8 | CS-42 (5') | Soluble | Solid | 300.0 | 132793 |
| 880-68696-9 | CS-43 (5') | Soluble | Solid | 300.0 | 132793 |
| 880-68696-10 | CS-44 (5') | Soluble | Solid | 300.0 | 132793 |
| 880-68696-11 | CS-45 (5' | Soluble | Solid | 300.0 | 132793 |
| 880-68696-12 | CS-46 (5') | Soluble | Solid | 300.0 | 132793 |
| 880-68696-13 | CS-47 (5') | Soluble | Solid | 300.0 | 132793 |
| 880-68696-14 | CS-48 (5') | Soluble | Solid | 300.0 | 132793 |
| 880-68696-15 | CS-49 (5') | Soluble | Solid | 300.0 | 132793 |
| 880-68696-16 | CS-50 (5') | Soluble | Solid | 300.0 | 132793 |
| 880-68696-17 | CS-51 (5') | Soluble | Solid | 300.0 | 132793 |
| 880-68696-18 | CS-52 (5') | Soluble | Solid | 300.0 | 132793 |
| 880-68696-19 | CS-53 (5') | Soluble | Solid | 300.0 | 132793 |
| 880-68696-20 | CS-54 (15') | Soluble | Solid | 300.0 | 132793 |
| MB 880-132793/1-A | Method Blank | Soluble | Solid | 300.0 | 132793 |
| LCS 880-132793/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 132793 |
| LCSD 880-132793/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 132793 |
| 880-68696-3 MS | CS-37 (5') | Soluble | Solid | 300.0 | 132793 |
| 880-68696-3 MSD | CS-37 (5') | Soluble | Solid | 300.0 | 132793 |
| 880-68696-13 MS | CS-47 (5') | Soluble | Solid | 300.0 | 132793 |
| 880-68696-13 MSD | CS-47 (5') | Soluble | Solid | 300.0 | 132793 |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-35 (5')

**Lab Sample ID: 880-68696-1**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132815 | 02/24/26 10:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132801 | 02/24/26 12:17 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 12:17 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132895 | 02/24/26 13:07 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 132772 | 02/23/26 17:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132809 | 02/24/26 13:07 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 132792 | 02/24/26 08:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132805 | 02/24/26 11:29 | CS | EET MID |

## Client Sample ID: CS-36 (5')

**Lab Sample ID: 880-68696-2**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132815 | 02/24/26 10:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132801 | 02/24/26 12:37 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 12:37 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132895 | 02/24/26 13:36 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10.00 mL | 132772 | 02/23/26 17:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132809 | 02/24/26 13:36 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 132792 | 02/24/26 08:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132805 | 02/24/26 11:35 | CS | EET MID |

## Client Sample ID: CS-37 (5')

**Lab Sample ID: 880-68696-3**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132815 | 02/24/26 10:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132801 | 02/24/26 12:58 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 12:58 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132895 | 02/24/26 13:52 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 132772 | 02/23/26 17:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132809 | 02/24/26 13:52 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 132793 | 02/24/26 08:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 10 | | | 132814 | 02/24/26 12:47 | SMC | EET MID |

## Client Sample ID: CS-38 (5')

**Lab Sample ID: 880-68696-4**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132815 | 02/24/26 10:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132801 | 02/24/26 13:18 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 13:18 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-38 (5')

**Lab Sample ID: 880-68696-4**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | | | 132895 | 02/24/26 14:07 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 132772 | 02/23/26 17:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132809 | 02/24/26 14:07 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 132793 | 02/24/26 08:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132814 | 02/24/26 13:03 | SMC | EET MID |

## Client Sample ID: CS-39 (5')

**Lab Sample ID: 880-68696-5**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132815 | 02/24/26 10:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132801 | 02/24/26 13:39 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 13:39 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132895 | 02/24/26 14:42 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132772 | 02/23/26 17:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132809 | 02/24/26 14:42 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 132793 | 02/24/26 08:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132814 | 02/24/26 13:09 | SMC | EET MID |

## Client Sample ID: CS-40 (5')

**Lab Sample ID: 880-68696-6**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132815 | 02/24/26 10:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132801 | 02/24/26 13:59 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 13:59 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132895 | 02/24/26 14:57 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 132772 | 02/23/26 17:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132809 | 02/24/26 14:57 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 132793 | 02/24/26 08:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132814 | 02/24/26 13:14 | SMC | EET MID |

## Client Sample ID: CS-41 (5')

**Lab Sample ID: 880-68696-7**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132815 | 02/24/26 10:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132801 | 02/24/26 14:20 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 14:20 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132895 | 02/24/26 15:11 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 132772 | 02/23/26 17:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132809 | 02/24/26 15:11 | FC | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-41 (5')

**Lab Sample ID: 880-68696-7**
**Date Collected: 02/23/26 00:00**
**Matrix: Solid**
**Date Received: 02/23/26 15:24**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 132793 | 02/24/26 08:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132814 | 02/24/26 13:19 | SMC | EET MID |

## Client Sample ID: CS-42 (5')

**Lab Sample ID: 880-68696-8**
**Date Collected: 02/23/26 00:00**
**Matrix: Solid**
**Date Received: 02/23/26 15:24**

| 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 | 132815 | 02/24/26 10:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132801 | 02/24/26 14:40 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 14:40 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132895 | 02/24/26 15:26 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132772 | 02/23/26 17:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132809 | 02/24/26 15:26 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 132793 | 02/24/26 08:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132814 | 02/24/26 14:33 | SMC | EET MID |

## Client Sample ID: CS-43 (5')

**Lab Sample ID: 880-68696-9**
**Date Collected: 02/23/26 00:00**
**Matrix: Solid**
**Date Received: 02/23/26 15:24**

| 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 | 132815 | 02/24/26 10:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132801 | 02/24/26 15:01 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 15:01 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132895 | 02/24/26 15:41 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 132772 | 02/23/26 17:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132809 | 02/24/26 15:41 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 132793 | 02/24/26 08:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132814 | 02/24/26 14:39 | SMC | EET MID |

## Client Sample ID: CS-44 (5')

**Lab Sample ID: 880-68696-10**
**Date Collected: 02/23/26 00:00**
**Matrix: Solid**
**Date Received: 02/23/26 15:24**

| 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 | 132815 | 02/24/26 10:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132801 | 02/24/26 15:22 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 15:22 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132895 | 02/24/26 15:56 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132772 | 02/23/26 17:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132809 | 02/24/26 15:56 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 132793 | 02/24/26 08:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132814 | 02/24/26 14:44 | SMC | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-45 (5'

**Lab Sample ID: 880-68696-11**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132823 | 02/24/26 10:22 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132802 | 02/24/26 12:45 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 12:45 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132895 | 02/24/26 16:11 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 132772 | 02/23/26 17:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132809 | 02/24/26 16:11 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 132793 | 02/24/26 08:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132814 | 02/24/26 14:49 | SMC | EET MID |

## Client Sample ID: CS-46 (5')

**Lab Sample ID: 880-68696-12**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132823 | 02/24/26 10:22 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132802 | 02/24/26 13:05 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 13:05 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132895 | 02/24/26 10:24 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.96 g | 10.00 mL | 132773 | 02/23/26 17:55 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132811 | 02/24/26 10:24 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 132793 | 02/24/26 08:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132814 | 02/24/26 14:55 | SMC | EET MID |

## Client Sample ID: CS-47 (5')

**Lab Sample ID: 880-68696-13**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132823 | 02/24/26 10:22 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132802 | 02/24/26 13:26 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 13:26 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132895 | 02/24/26 11:08 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 132773 | 02/23/26 17:55 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132811 | 02/24/26 11:08 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 132793 | 02/24/26 08:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132814 | 02/24/26 15:00 | SMC | EET MID |

## Client Sample ID: CS-48 (5')

**Lab Sample ID: 880-68696-14**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132823 | 02/24/26 10:22 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132802 | 02/24/26 13:46 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 13:46 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-48 (5')

**Lab Sample ID: 880-68696-14**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | | | 132895 | 02/24/26 11:23 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 132773 | 02/23/26 17:55 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132811 | 02/24/26 11:23 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 132793 | 02/24/26 08:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132814 | 02/24/26 15:16 | SMC | EET MID |

## Client Sample ID: CS-49 (5')

**Lab Sample ID: 880-68696-15**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132823 | 02/24/26 10:22 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132802 | 02/24/26 14:07 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 14:07 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132895 | 02/24/26 11:38 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 132773 | 02/23/26 17:55 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132811 | 02/24/26 11:38 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 132793 | 02/24/26 08:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132814 | 02/24/26 15:21 | SMC | EET MID |

## Client Sample ID: CS-50 (5')

**Lab Sample ID: 880-68696-16**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132823 | 02/24/26 10:22 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132802 | 02/24/26 14:27 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 14:27 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132895 | 02/24/26 11:53 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.93 g | 10.00 mL | 132773 | 02/23/26 17:55 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132811 | 02/24/26 11:53 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 132793 | 02/24/26 08:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132814 | 02/24/26 15:37 | SMC | EET MID |

## Client Sample ID: CS-51 (5')

**Lab Sample ID: 880-68696-17**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132823 | 02/24/26 10:22 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132802 | 02/24/26 14:48 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 14:48 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132895 | 02/24/26 12:08 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132773 | 02/23/26 17:55 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132811 | 02/24/26 12:08 | FC | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-51 (5')
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

**Lab Sample ID: 880-68696-17**
**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 | | | 5.03 g | 50 mL | 132793 | 02/24/26 08:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132814 | 02/24/26 15:43 | SMC | EET MID |

## Client Sample ID: CS-52 (5')
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

**Lab Sample ID: 880-68696-18**
**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 | | | 4.95 g | 5 mL | 132823 | 02/24/26 10:22 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132802 | 02/24/26 15:08 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 15:08 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132895 | 02/24/26 12:22 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132773 | 02/23/26 17:55 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132811 | 02/24/26 12:22 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 132793 | 02/24/26 08:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132814 | 02/24/26 15:48 | SMC | EET MID |

## Client Sample ID: CS-53 (5')
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

**Lab Sample ID: 880-68696-19**
**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 | | | 5.03 g | 5 mL | 132823 | 02/24/26 10:22 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132802 | 02/24/26 15:29 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 15:29 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132895 | 02/24/26 12:37 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 132773 | 02/23/26 17:55 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132811 | 02/24/26 12:37 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 132793 | 02/24/26 08:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132814 | 02/24/26 15:53 | SMC | EET MID |

## Client Sample ID: CS-54 (15')
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

**Lab Sample ID: 880-68696-20**
**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 | | | 4.99 g | 5 mL | 132823 | 02/24/26 10:22 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132802 | 02/24/26 15:49 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 15:49 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132895 | 02/24/26 12:52 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 132773 | 02/23/26 17:55 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132811 | 02/24/26 12:52 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 132793 | 02/24/26 08:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132814 | 02/24/26 15:59 | SMC | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-55 (15')

**Lab Sample ID: 880-68696-21**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132737 | 02/24/26 09:45 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132803 | 02/24/26 12:36 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 12:36 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132895 | 02/24/26 13:07 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132773 | 02/23/26 17:55 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132811 | 02/24/26 13:07 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 132794 | 02/24/26 08:11 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132807 | 02/24/26 11:17 | SMC | EET MID |

## Client Sample ID: CS-56 (15')

**Lab Sample ID: 880-68696-22**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132737 | 02/24/26 09:45 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132803 | 02/24/26 12:57 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 12:57 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132895 | 02/24/26 13:36 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 132773 | 02/23/26 17:55 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132811 | 02/24/26 13:36 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 132794 | 02/24/26 08:11 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132807 | 02/24/26 11:37 | SMC | EET MID |

## Client Sample ID: CS-57 (15')

**Lab Sample ID: 880-68696-23**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132737 | 02/24/26 09:45 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132803 | 02/24/26 13:17 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 13:17 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132895 | 02/24/26 13:52 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132773 | 02/23/26 17:55 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132811 | 02/24/26 13:52 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 132794 | 02/24/26 08:11 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132807 | 02/24/26 11:44 | SMC | EET MID |

## Client Sample ID: CS-58 (15')

**Lab Sample ID: 880-68696-24**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132737 | 02/24/26 09:45 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132803 | 02/24/26 13:37 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132884 | 02/24/26 13:37 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Client Sample ID: CS-58 (15')

**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

## Lab Sample ID: 880-68696-24

**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 | | | 132895 | 02/24/26 14:27 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.91 g | 10.00 mL | 132773 | 02/23/26 17:55 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132811 | 02/24/26 14:27 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 132794 | 02/24/26 08:11 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132807 | 02/24/26 11:50 | SMC | 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: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

## Laboratory: Eurofins Midland

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

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| Texas | NELAP | T104704400 | 06-30-26 |

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

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

# Method Summary

Client: Carmona Resources
Project/Site: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew 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: Riser 121 (6.29.2025)

Job ID: 880-68696-1
SDG: Lea CountyNew Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 880-68696-1 | CS-35 (5') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68696-2 | CS-36 (5') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68696-3 | CS-37 (5') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68696-4 | CS-38 (5') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68696-5 | CS-39 (5') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68696-6 | CS-40 (5') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68696-7 | CS-41 (5') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68696-8 | CS-42 (5') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68696-9 | CS-43 (5') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68696-10 | CS-44 (5') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68696-11 | CS-45 (5' | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68696-12 | CS-46 (5') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68696-13 | CS-47 (5') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68696-14 | CS-48 (5') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68696-15 | CS-49 (5') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68696-16 | CS-50 (5') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68696-17 | CS-51 (5') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68696-18 | CS-52 (5') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68696-19 | CS-53 (5') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68696-20 | CS-54 (15') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68696-21 | CS-55 (15') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68696-22 | CS-56 (15') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68696-23 | CS-57 (15') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68696-24 | CS-58 (15') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |

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# Chain of Custody

880-68696 Chain of Custody

2/24/2026

Page 1 of 3

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | |
| Project Number: | 2783 | ☐ Routine | ☑ Rush |
| Project Location | Lea County, New Mexico | Due Date: | 24 HR |
| Sampler's Name: | JDC | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank: | Yes (No) | Wet Ice: | (Yes) No | |
| Received Intact: | (Yes) No | Thermometer ID: | IR5 | |
| Cooler Custody Seals: | Yes No (N/A) | Correction Factor: | -1 | |
| Sample Custody Seals: | Yes No (N/A) | Temperature Reading: | 5.3 | |
| Total Containers: | | Corrected Temperature: | 5.4 | |

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CS-35 (5') | 2/23/2026 | | X | | C | 1 | X | X | X | | |
| CS-36 (5') | 2/23/2026 | | X | | C | 1 | X | X | X | | |
| CS-37 (5') | 2/23/2026 | | X | | C | 1 | X | X | X | | |
| CS-38 (5') | 2/23/2026 | | X | | C | 1 | X | X | X | | |
| CS-39 (5') | 2/23/2026 | | X | | C | 1 | X | X | X | | |
| CS-40 (5') | 2/23/2026 | | X | | C | 1 | X | X | X | | |
| CS-41 (5') | 2/23/2026 | | X | | C | 1 | X | X | X | | |
| CS-42 (5') | 2/23/2026 | | X | | C | 1 | X | X | X | | |
| CS-43 (5') | 2/23/2026 | | X | | C | 1 | X | X | X | | |
| CS-44 (5') | 2/23/2026 | | X | | C | 1 | X | X | X | | |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2S0_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

**Comments:**

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 2.23.26 15:24 | | 2.23.26 15:24 |
| | | | |
| | | | |

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# Chain of Custody

**Work Order No:** _____

2/24/2026

Page 2 of 3

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | ☐ Routine ☑ Rush |
| Project Number: | 2783 | Due Date: | 24 HR |
| Project Location | Lea County, New Mexico | | |
| Sampler's Name: | JDC | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes (No) | Wet Ice: | (Yes) No |
| Received Intact: | (Yes) No | Thermometer ID: | IR5 |
| Cooler Custody Seals: | Yes No (N/A) | Correction Factor: | -1 |
| Sample Custody Seals: | Yes No (N/A) | Temperature Reading: | 5.3 |
| Total Containers: | | Corrected Temperature: | 5.4 |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2S0_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | Parameters: BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CS-45 (5') | 2/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-46 (5') | 2/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-47 (5') | 2/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-48 (5') | 2/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-49 (5') | 2/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-50 (5') | 2/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-51 (5') | 2/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-52 (5') | 2/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-53 (5') | 2/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-54 (15') | 2/23/2026 | | X | | C | 1 | | X | X | X | | |

**Comments:**

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 2.23.26 15:24 | | 2.23.26 15:24 |
| | | | |
| | | | |

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# Chain of Custody

2/24/2026

**Work Order No:** _____

Page 3 of 3

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | ~~Riser 121 (06.29.2025)~~ | Turn Around | ☐ Routine ☑ Rush |
| Project Number: | 2783 | Due Date: | 24 HR |
| Project Location | Lea County, New Mexico | | |
| Sampler's Name: | JDC | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes ~~No~~ | Wet Ice: | ~~Yes~~ No |
| Received Intact: | Yes No | Thermometer ID: | IR5 |
| Cooler Custody Seals: | Yes No ~~N/A~~ | Correction Factor: | .1 |
| Sample Custody Seals: | Yes No ~~N/A~~ | Temperature Reading: | 5.3 |
| Total Containers: | | Corrected Temperature: | 5.4 |

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Parameters: BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CS-55 (15') | 2/23/2026 | | X | | C | 1 | X | X | X | | |
| CS-56 (15') | 2/23/2026 | | X | | C | 1 | X | X | X | | |
| CS-57 (15') | 2/23/2026 | | X | | C | 1 | X | X | X | | |
| CS-58 (15') | 2/23/2026 | | X | | C | 1 | X | X | X | | |

ANALYSIS REQUEST

Pres. Code

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2S0_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

**Comments:**

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 2.23.24 15:24 | | 2.23.26 15:24 |

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# Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68696-1
SDG Number: Lea CountyNew Mexico

**Login Number: 68696**
**List Number: 1**
**Creator: Juarez, Leticia**

**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 | |

eurofins | Environment Testing



# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 2/24/2026 7:07:52 PM

## JOB DESCRIPTION

Riser 121 (06.29.2025)
Lea County New Mexico

## JOB NUMBER

880-68695-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.



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my EOL

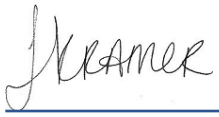
# Eurofins Midland

## 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
2/24/2026 7:07:52 PM

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

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Laboratory Job ID: 880-68695-1
SDG: Lea County New Mexico

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# Definitions/Glossary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68695-1
SDG: Lea County New Mexico

## Qualifiers

### GC VOA

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

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| 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 |
|---|---|
| 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: Riser 121 (06.29.2025)

Job ID: 880-68695-1

## Job ID: 880-68695-1 Eurofins Midland

**Job Narrative**
**880-68695-1**

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 2/23/2026 3:24 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C.

**Receipt Exceptions**
The following samples were received and analyzed from an unpreserved bulk soil jar: SW-22 (5') (880-68695-1), SW-23 (6'-15') (880-68695-2), SW-24 (6'-15') (880-68695-3), SW-25 (15') (880-68695-4), SW-26 (15') (880-68695-5), SW-27 (15') (880-68695-6), SW-28 (15') (880-68695-7), SW-29 (15') (880-68695-8) and SW-30 (15') (880-68695-9).

**GC VOA**
Method 8021B: Surrogate recovery for the following sample was outside control limits: SW-28 (15') (880-68695-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

**Diesel Range Organics**
Method 8015B NM: Surrogate recovery for the following samples were outside control limits: SW-24 (6'-15') (880-68695-3), SW-28 (15') (880-68695-7), (880-68695-A-1-B MS) and (880-68695-A-1-C MSD). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-132772/1-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-132772 and analytical batch 880-132809 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

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

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68695-1
SDG: Lea County New Mexico

## Client Sample ID: SW-22 (5')

**Lab Sample ID: 880-68695-1**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:24 | 02/24/26 12:41 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 12:41 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 12:41 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 12:41 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 12:41 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 12:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *112* | | *70 - 130* | *02/24/26 10:24* | *02/24/26 12:41* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *02/24/26 10:24* | *02/24/26 12:41* | *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 | | | 02/24/26 12:41 | 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 | | | 02/24/26 10:24 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U F1 | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 10:24 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U F1 | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 10:24 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 10:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *94* | | *70 - 130* | *02/23/26 17:52* | *02/24/26 10:24* | *1* |
| *o-Terphenyl (Surr)* | *93* | | *70 - 130* | *02/23/26 17:52* | *02/24/26 10:24* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **28.7** | | 10.1 | | mg/Kg | | | 02/24/26 10:16 | 1 |

## Client Sample ID: SW-23 (6'-15')

**Lab Sample ID: 880-68695-2**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:24 | 02/24/26 13:01 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 13:01 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 13:01 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 13:01 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 13:01 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 13:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* | *02/24/26 10:24* | *02/24/26 13:01* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *02/24/26 10:24* | *02/24/26 13:01* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68695-1
SDG: Lea County New Mexico

## Client Sample ID: SW-23 (6'-15')

**Lab Sample ID: 880-68695-2**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | | 02/24/26 13:01 | 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 | | | 02/24/26 11:08 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 11:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 11:08 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 11:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *88* | | *70 - 130* | *02/23/26 17:52* | *02/24/26 11:08* | *1* |
| *o-Terphenyl (Surr)* | *84* | | *70 - 130* | *02/23/26 17:52* | *02/24/26 11:08* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **36.2** | | 9.94 | | mg/Kg | | | 02/24/26 10:21 | 1 |

## Client Sample ID: SW-24 (6'-15')

**Lab Sample ID: 880-68695-3**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:24 | 02/24/26 13:22 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 13:22 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 13:22 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 13:22 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 13:22 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 13:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *70 - 130* | *02/24/26 10:24* | *02/24/26 13:22* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *02/24/26 10:24* | *02/24/26 13:22* | *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 | | | 02/24/26 13:22 | 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 | | | 02/24/26 11:23 | 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 | 49.8 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 11:23 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 11:23 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68695-1
SDG: Lea County New Mexico

## Client Sample ID: SW-24 (6'-15')

**Lab Sample ID: 880-68695-3**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/23/26 17:52 | 02/24/26 11:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *67* | *S1-* | *70 - 130* | *02/23/26 17:52* | *02/24/26 11:23* | *1* |
| *o-Terphenyl (Surr)* | *69* | *S1-* | *70 - 130* | *02/23/26 17:52* | *02/24/26 11:23* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **98.3** | | 9.98 | | mg/Kg | | | 02/24/26 10:27 | 1 |

## Client Sample ID: SW-25 (15')

**Lab Sample ID: 880-68695-4**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:24 | 02/24/26 13:59 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 13:59 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 13:59 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 13:59 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 13:59 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 13:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* | *02/24/26 10:24* | *02/24/26 13:59* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *02/24/26 10:24* | *02/24/26 13:59* | *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 | | | 02/24/26 13:59 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 02/24/26 11:38 | 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 | 49.9 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 11:38 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 11:38 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 11:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *88* | | *70 - 130* | *02/23/26 17:52* | *02/24/26 11:38* | *1* |
| *o-Terphenyl (Surr)* | *90* | | *70 - 130* | *02/23/26 17:52* | *02/24/26 11:38* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **109** | | 9.96 | | mg/Kg | | | 02/24/26 10:32 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68695-1
SDG: Lea County New Mexico

## Client Sample ID: SW-26 (15')

**Lab Sample ID: 880-68695-5**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:24 | 02/24/26 14:19 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 14:19 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 14:19 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 14:19 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 14:19 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 14:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *106* | | *70 - 130* | *02/24/26 10:24* | *02/24/26 14:19* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *02/24/26 10:24* | *02/24/26 14:19* | *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 | | | 02/24/26 14:19 | 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 | | | 02/24/26 11:53 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 11:53 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 11:53 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 11:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *95* | | *70 - 130* | *02/23/26 17:52* | *02/24/26 11:53* | *1* |
| *o-Terphenyl (Surr)* | *98* | | *70 - 130* | *02/23/26 17:52* | *02/24/26 11:53* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **37.7** | | 9.92 | | mg/Kg | | | 02/24/26 10:49 | 1 |

## Client Sample ID: SW-27 (15')

**Lab Sample ID: 880-68695-6**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:24 | 02/24/26 14:46 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 14:46 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 14:46 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 14:46 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 14:46 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 14:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *80* | | *70 - 130* | *02/24/26 10:24* | *02/24/26 14:46* | *1* |
| *1,4-Difluorobenzene (Surr)* | *108* | | *70 - 130* | *02/24/26 10:24* | *02/24/26 14:46* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68695-1
SDG: Lea County New Mexico

## Client Sample ID: SW-27 (15')

**Lab Sample ID: 880-68695-6**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | | 02/24/26 14:46 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 02/24/26 12:08 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 12:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 12:08 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 12:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *75* | | *70 - 130* | *02/23/26 17:52* | *02/24/26 12:08* | *1* |
| *o-Terphenyl (Surr)* | *75* | | *70 - 130* | *02/23/26 17:52* | *02/24/26 12:08* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **39.7** | | 9.94 | | mg/Kg | | | 02/24/26 10:55 | 1 |

## Client Sample ID: SW-28 (15')

**Lab Sample ID: 880-68695-7**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:24 | 02/24/26 15:26 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 15:26 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 15:26 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 15:26 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 15:26 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 15:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *146* | *S1+* | *70 - 130* | *02/24/26 10:24* | *02/24/26 15:26* | *1* |
| *1,4-Difluorobenzene (Surr)* | *89* | | *70 - 130* | *02/24/26 10:24* | *02/24/26 15:26* | *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 | | | 02/24/26 15:26 | 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 | | | 02/24/26 12:22 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 12:22 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 12:22 | 1 |

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# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68695-1
SDG: Lea County New Mexico

## Client Sample ID: SW-28 (15')

**Lab Sample ID: 880-68695-7**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/23/26 17:52 | 02/24/26 12:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *28* | *S1-* | *70 - 130* | *02/23/26 17:52* | *02/24/26 12:22* | *1* |
| *o-Terphenyl (Surr)* | *30* | *S1-* | *70 - 130* | *02/23/26 17:52* | *02/24/26 12:22* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **97.3** | | 10.0 | | mg/Kg | | | 02/24/26 11:12 | 1 |

## Client Sample ID: SW-29 (15')

**Lab Sample ID: 880-68695-8**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

### 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 | | 02/24/26 10:24 | 02/24/26 15:46 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 15:46 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 15:46 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 15:46 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 15:46 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 15:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *70 - 130* | *02/24/26 10:24* | *02/24/26 15:46* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *02/24/26 10:24* | *02/24/26 15:46* | *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 | | | 02/24/26 15:46 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 02/24/26 12:37 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 12:37 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 12:37 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 12:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *78* | | *70 - 130* | *02/23/26 17:52* | *02/24/26 12:37* | *1* |
| *o-Terphenyl (Surr)* | *79* | | *70 - 130* | *02/23/26 17:52* | *02/24/26 12:37* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **109** | | 9.90 | | mg/Kg | | | 02/24/26 11:18 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68695-1
SDG: Lea County New Mexico

## Client Sample ID: SW-30 (15')

**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

## Lab Sample ID: 880-68695-9

**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 | | 02/24/26 10:24 | 02/24/26 16:21 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 16:21 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 16:21 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 16:21 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 16:21 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 16:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *02/24/26 10:24* | *02/24/26 16:21* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *02/24/26 10:24* | *02/24/26 16:21* | *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 | | | 02/24/26 16:21 | 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 | | | 02/24/26 12:52 | 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 | | 02/23/26 17:52 | 02/24/26 12:52 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 12:52 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 12:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *98* | | *70 - 130* | *02/23/26 17:52* | *02/24/26 12:52* | *1* |
| *o-Terphenyl (Surr)* | *101* | | *70 - 130* | *02/23/26 17:52* | *02/24/26 12:52* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **104** | | 10.1 | | mg/Kg | | | 02/24/26 11:23 | 1 |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68695-1
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) | | | | | | | | | | |
| 880-68695-1 | SW-22 (5') | 112 | 99 | | | | | | | | | | |
| 880-68695-1 MS | SW-22 (5') | 107 | 98 | | | | | | | | | | |
| 880-68695-1 MSD | SW-22 (5') | 102 | 96 | | | | | | | | | | |
| 880-68695-2 | SW-23 (6'-15') | 102 | 97 | | | | | | | | | | |
| 880-68695-3 | SW-24 (6'-15') | 107 | 97 | | | | | | | | | | |
| 880-68695-4 | SW-25 (15') | 98 | 101 | | | | | | | | | | |
| 880-68695-5 | SW-26 (15') | 106 | 98 | | | | | | | | | | |
| 880-68695-6 | SW-27 (15') | 80 | 108 | | | | | | | | | | |
| 880-68695-7 | SW-28 (15') | 146 S1+ | 89 | | | | | | | | | | |
| 880-68695-8 | SW-29 (15') | 107 | 100 | | | | | | | | | | |
| 880-68695-9 | SW-30 (15') | 96 | 99 | | | | | | | | | | |
| LCS 880-132825/1-A | Lab Control Sample | 102 | 99 | | | | | | | | | | |
| LCSD 880-132825/2-A | Lab Control Sample Dup | 103 | 99 | | | | | | | | | | |
| MB 880-132825/5-A | Method Blank | 100 | 92 | | | | | | | | | | |

**Surrogate Legend**

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

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | 1CO1 (70-130) | OTPH1 (70-130) | | | | | | | | | | |
| 880-68695-1 | SW-22 (5') | 94 | 93 | | | | | | | | | | |
| 880-68695-1 MS | SW-22 (5') | 44 S1- | 34 S1- | | | | | | | | | | |
| 880-68695-1 MSD | SW-22 (5') | 42 S1- | 34 S1- | | | | | | | | | | |
| 880-68695-2 | SW-23 (6'-15') | 88 | 84 | | | | | | | | | | |
| 880-68695-3 | SW-24 (6'-15') | 67 S1- | 69 S1- | | | | | | | | | | |
| 880-68695-4 | SW-25 (15') | 88 | 90 | | | | | | | | | | |
| 880-68695-5 | SW-26 (15') | 95 | 98 | | | | | | | | | | |
| 880-68695-6 | SW-27 (15') | 75 | 75 | | | | | | | | | | |
| 880-68695-7 | SW-28 (15') | 28 S1- | 30 S1- | | | | | | | | | | |
| 880-68695-8 | SW-29 (15') | 78 | 79 | | | | | | | | | | |
| 880-68695-9 | SW-30 (15') | 98 | 101 | | | | | | | | | | |
| LCS 880-132772/2-A | Lab Control Sample | 104 | 108 | | | | | | | | | | |
| LCSD 880-132772/3-A | Lab Control Sample Dup | 102 | 107 | | | | | | | | | | |
| MB 880-132772/1-A | Method Blank | 158 S1+ | 163 S1+ | | | | | | | | | | |

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68695-1
SDG: Lea County New Mexico

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

**Lab Sample ID: MB 880-132825/5-A**
**Matrix: Solid**
**Analysis Batch: 132813**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 132825**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 12:19 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 12:19 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 12:19 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 12:19 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 12:19 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 02/24/26 10:24 | 02/24/26 12:19 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* | *02/24/26 10:24* | *02/24/26 12:19* | *1* |
| *1,4-Difluorobenzene (Surr)* | *92* | | *70 - 130* | *02/24/26 10:24* | *02/24/26 12:19* | *1* |

**Lab Sample ID: LCS 880-132825/1-A**
**Matrix: Solid**
**Analysis Batch: 132813**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 132825**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09407 | | mg/Kg | | 94 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.08493 | | mg/Kg | | 85 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.09246 | | mg/Kg | | 92 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.1831 | | mg/Kg | | 92 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.08979 | | mg/Kg | | 90 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* |

**Lab Sample ID: LCSD 880-132825/2-A**
**Matrix: Solid**
**Analysis Batch: 132813**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 132825**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09774 | | mg/Kg | | 98 | 70 - 130 | 4 | 35 |
| Toluene | | | 0.100 | 0.08968 | | mg/Kg | | 90 | 70 - 130 | 5 | 35 |
| Ethylbenzene | | | 0.100 | 0.09786 | | mg/Kg | | 98 | 70 - 130 | 6 | 35 |
| m,p-Xylenes | | | 0.200 | 0.1951 | | mg/Kg | | 98 | 70 - 130 | 6 | 35 |
| o-Xylene | | | 0.100 | 0.09598 | | mg/Kg | | 96 | 70 - 130 | 7 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* |

**Lab Sample ID: 880-68695-1 MS**
**Matrix: Solid**
**Analysis Batch: 132813**

**Client Sample ID: SW-22 (5')**
**Prep Type: Total/NA**
**Prep Batch: 132825**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.08108 | | mg/Kg | | 81 | 70 - 130 | | |
| Toluene | <0.00200 | U | 0.100 | 0.07437 | | mg/Kg | | 74 | 70 - 130 | | |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68695-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 880-68695-1 MS**
**Matrix: Solid**
**Analysis Batch: 132813**

**Client Sample ID: SW-22 (5')**
**Prep Type: Total/NA**
**Prep Batch: 132825**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | <0.00200 | U | 0.100 | 0.08381 | | mg/Kg | | 84 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1654 | | mg/Kg | | 83 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.100 | 0.08251 | | mg/Kg | | 83 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* |

**Lab Sample ID: 880-68695-1 MSD**
**Matrix: Solid**
**Analysis Batch: 132813**

**Client Sample ID: SW-22 (5')**
**Prep Type: Total/NA**
**Prep Batch: 132825**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.07942 | | mg/Kg | | 79 | 70 - 130 | 2 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.07551 | | mg/Kg | | 76 | 70 - 130 | 2 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.08383 | | mg/Kg | | 84 | 70 - 130 | 0 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1670 | | mg/Kg | | 83 | 70 - 130 | 1 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.08220 | | mg/Kg | | 82 | 70 - 130 | 0 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* |

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

**Lab Sample ID: MB 880-132772/1-A**
**Matrix: Solid**
**Analysis Batch: 132809**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 132772**

| 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 | | 02/23/26 17:52 | 02/24/26 07:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 07:08 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/23/26 17:52 | 02/24/26 07:08 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *158* | *S1+* | *70 - 130* | *02/23/26 17:52* | *02/24/26 07:08* | *1* |
| *o-Terphenyl (Surr)* | *163* | *S1+* | *70 - 130* | *02/23/26 17:52* | *02/24/26 07:08* | *1* |

**Lab Sample ID: LCS 880-132772/2-A**
**Matrix: Solid**
**Analysis Batch: 132809**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 132772**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 968.7 | | mg/Kg | | 97 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 877.6 | | mg/Kg | | 88 | 70 - 130 |

Eurofins Midland

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68695-1
SDG: Lea County New Mexico

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

**Lab Sample ID: LCS 880-132772/2-A**
**Matrix: Solid**
**Analysis Batch: 132809**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 132772**

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 104 | | 70 - 130 |
| o-Terphenyl (Surr) | 108 | | 70 - 130 |

**Lab Sample ID: LCSD 880-132772/3-A**
**Matrix: Solid**
**Analysis Batch: 132809**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 132772**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 939.1 | | mg/Kg | | 94 | 70 - 130 | 3 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 872.4 | | mg/Kg | | 87 | 70 - 130 | 1 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 102 | | 70 - 130 |
| o-Terphenyl (Surr) | 107 | | 70 - 130 |

**Lab Sample ID: 880-68695-1 MS**
**Matrix: Solid**
**Analysis Batch: 132809**

**Client Sample ID: SW-22 (5')**
**Prep Type: Total/NA**
**Prep Batch: 132772**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U F1 | 997 | 234.2 | F1 | mg/Kg | | 23 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U F1 | 997 | 181.0 | F1 | mg/Kg | | 18 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 44 | S1- | 70 - 130 |
| o-Terphenyl (Surr) | 34 | S1- | 70 - 130 |

**Lab Sample ID: 880-68695-1 MSD**
**Matrix: Solid**
**Analysis Batch: 132809**

**Client Sample ID: SW-22 (5')**
**Prep Type: Total/NA**
**Prep Batch: 132772**

| 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 F1 | 997 | 220.4 | F1 | mg/Kg | | 22 | 70 - 130 | 6 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U F1 | 997 | 184.4 | F1 | mg/Kg | | 18 | 70 - 130 | 2 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 42 | S1- | 70 - 130 |
| o-Terphenyl (Surr) | 34 | S1- | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68695-1
SDG: Lea County New Mexico

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-132792/1-A**
**Matrix: Solid**
**Analysis Batch: 132805**

**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 | | | 02/24/26 08:47 | 1 |

**Lab Sample ID: LCS 880-132792/2-A**
**Matrix: Solid**
**Analysis Batch: 132805**

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

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 238.9 | | mg/Kg | | 96 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-132792/3-A**
**Matrix: Solid**
**Analysis Batch: 132805**

**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 | 239.9 | | mg/Kg | | 96 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-68695-4 MS**
**Matrix: Solid**
**Analysis Batch: 132805**

**Client Sample ID: SW-25 (15')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 109 | | 249 | 367.3 | | mg/Kg | | 104 | 90 - 110 | | |

**Lab Sample ID: 880-68695-4 MSD**
**Matrix: Solid**
**Analysis Batch: 132805**

**Client Sample ID: SW-25 (15')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 109 | | 249 | 368.2 | | mg/Kg | | 104 | 90 - 110 | 0 | 20 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68695-1
SDG: Lea County New Mexico

## GC VOA

### Analysis Batch: 132813

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68695-1 | SW-22 (5') | Total/NA | Solid | 8021B | 132825 |
| 880-68695-2 | SW-23 (6'-15') | Total/NA | Solid | 8021B | 132825 |
| 880-68695-3 | SW-24 (6'-15') | Total/NA | Solid | 8021B | 132825 |
| 880-68695-4 | SW-25 (15') | Total/NA | Solid | 8021B | 132825 |
| 880-68695-5 | SW-26 (15') | Total/NA | Solid | 8021B | 132825 |
| 880-68695-6 | SW-27 (15') | Total/NA | Solid | 8021B | 132825 |
| 880-68695-7 | SW-28 (15') | Total/NA | Solid | 8021B | 132825 |
| 880-68695-8 | SW-29 (15') | Total/NA | Solid | 8021B | 132825 |
| 880-68695-9 | SW-30 (15') | Total/NA | Solid | 8021B | 132825 |
| MB 880-132825/5-A | Method Blank | Total/NA | Solid | 8021B | 132825 |
| LCS 880-132825/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 132825 |
| LCSD 880-132825/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 132825 |
| 880-68695-1 MS | SW-22 (5') | Total/NA | Solid | 8021B | 132825 |
| 880-68695-1 MSD | SW-22 (5') | Total/NA | Solid | 8021B | 132825 |

### Prep Batch: 132825

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68695-1 | SW-22 (5') | Total/NA | Solid | 5035 | |
| 880-68695-2 | SW-23 (6'-15') | Total/NA | Solid | 5035 | |
| 880-68695-3 | SW-24 (6'-15') | Total/NA | Solid | 5035 | |
| 880-68695-4 | SW-25 (15') | Total/NA | Solid | 5035 | |
| 880-68695-5 | SW-26 (15') | Total/NA | Solid | 5035 | |
| 880-68695-6 | SW-27 (15') | Total/NA | Solid | 5035 | |
| 880-68695-7 | SW-28 (15') | Total/NA | Solid | 5035 | |
| 880-68695-8 | SW-29 (15') | Total/NA | Solid | 5035 | |
| 880-68695-9 | SW-30 (15') | Total/NA | Solid | 5035 | |
| MB 880-132825/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-132825/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-132825/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-68695-1 MS | SW-22 (5') | Total/NA | Solid | 5035 | |
| 880-68695-1 MSD | SW-22 (5') | Total/NA | Solid | 5035 | |

### Analysis Batch: 132883

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68695-1 | SW-22 (5') | Total/NA | Solid | Total BTEX | |
| 880-68695-2 | SW-23 (6'-15') | Total/NA | Solid | Total BTEX | |
| 880-68695-3 | SW-24 (6'-15') | Total/NA | Solid | Total BTEX | |
| 880-68695-4 | SW-25 (15') | Total/NA | Solid | Total BTEX | |
| 880-68695-5 | SW-26 (15') | Total/NA | Solid | Total BTEX | |
| 880-68695-6 | SW-27 (15') | Total/NA | Solid | Total BTEX | |
| 880-68695-7 | SW-28 (15') | Total/NA | Solid | Total BTEX | |
| 880-68695-8 | SW-29 (15') | Total/NA | Solid | Total BTEX | |
| 880-68695-9 | SW-30 (15') | Total/NA | Solid | Total BTEX | |

## GC Semi VOA

### Prep Batch: 132772

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68695-1 | SW-22 (5') | Total/NA | Solid | 8015NM Prep | |
| 880-68695-2 | SW-23 (6'-15') | Total/NA | Solid | 8015NM Prep | |
| 880-68695-3 | SW-24 (6'-15') | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68695-1
SDG: Lea County New Mexico

## GC Semi VOA (Continued)

### Prep Batch: 132772 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68695-4 | SW-25 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68695-5 | SW-26 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68695-6 | SW-27 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68695-7 | SW-28 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68695-8 | SW-29 (15') | Total/NA | Solid | 8015NM Prep | |
| 880-68695-9 | SW-30 (15') | Total/NA | Solid | 8015NM Prep | |
| MB 880-132772/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-132772/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-132772/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-68695-1 MS | SW-22 (5') | Total/NA | Solid | 8015NM Prep | |
| 880-68695-1 MSD | SW-22 (5') | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 132809

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68695-1 | SW-22 (5') | Total/NA | Solid | 8015B NM | 132772 |
| 880-68695-2 | SW-23 (6'-15') | Total/NA | Solid | 8015B NM | 132772 |
| 880-68695-3 | SW-24 (6'-15') | Total/NA | Solid | 8015B NM | 132772 |
| 880-68695-4 | SW-25 (15') | Total/NA | Solid | 8015B NM | 132772 |
| 880-68695-5 | SW-26 (15') | Total/NA | Solid | 8015B NM | 132772 |
| 880-68695-6 | SW-27 (15') | Total/NA | Solid | 8015B NM | 132772 |
| 880-68695-7 | SW-28 (15') | Total/NA | Solid | 8015B NM | 132772 |
| 880-68695-8 | SW-29 (15') | Total/NA | Solid | 8015B NM | 132772 |
| 880-68695-9 | SW-30 (15') | Total/NA | Solid | 8015B NM | 132772 |
| MB 880-132772/1-A | Method Blank | Total/NA | Solid | 8015B NM | 132772 |
| LCS 880-132772/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 132772 |
| LCSD 880-132772/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 132772 |
| 880-68695-1 MS | SW-22 (5') | Total/NA | Solid | 8015B NM | 132772 |
| 880-68695-1 MSD | SW-22 (5') | Total/NA | Solid | 8015B NM | 132772 |

### Analysis Batch: 132901

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68695-1 | SW-22 (5') | Total/NA | Solid | 8015 NM | |
| 880-68695-2 | SW-23 (6'-15') | Total/NA | Solid | 8015 NM | |
| 880-68695-3 | SW-24 (6'-15') | Total/NA | Solid | 8015 NM | |
| 880-68695-4 | SW-25 (15') | Total/NA | Solid | 8015 NM | |
| 880-68695-5 | SW-26 (15') | Total/NA | Solid | 8015 NM | |
| 880-68695-6 | SW-27 (15') | Total/NA | Solid | 8015 NM | |
| 880-68695-7 | SW-28 (15') | Total/NA | Solid | 8015 NM | |
| 880-68695-8 | SW-29 (15') | Total/NA | Solid | 8015 NM | |
| 880-68695-9 | SW-30 (15') | Total/NA | Solid | 8015 NM | |

## HPLC/IC

### Leach Batch: 132792

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68695-1 | SW-22 (5') | Soluble | Solid | DI Leach | |
| 880-68695-2 | SW-23 (6'-15') | Soluble | Solid | DI Leach | |
| 880-68695-3 | SW-24 (6'-15') | Soluble | Solid | DI Leach | |
| 880-68695-4 | SW-25 (15') | Soluble | Solid | DI Leach | |
| 880-68695-5 | SW-26 (15') | Soluble | Solid | DI Leach | |
| 880-68695-6 | SW-27 (15') | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68695-1
SDG: Lea County New Mexico

## HPLC/IC (Continued)

### Leach Batch: 132792 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68695-7 | SW-28 (15') | Soluble | Solid | DI Leach | |
| 880-68695-8 | SW-29 (15') | Soluble | Solid | DI Leach | |
| 880-68695-9 | SW-30 (15') | Soluble | Solid | DI Leach | |
| MB 880-132792/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-132792/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-132792/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-68695-4 MS | SW-25 (15') | Soluble | Solid | DI Leach | |
| 880-68695-4 MSD | SW-25 (15') | Soluble | Solid | DI Leach | |

### Analysis Batch: 132805

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-68695-1 | SW-22 (5') | Soluble | Solid | 300.0 | 132792 |
| 880-68695-2 | SW-23 (6'-15') | Soluble | Solid | 300.0 | 132792 |
| 880-68695-3 | SW-24 (6'-15') | Soluble | Solid | 300.0 | 132792 |
| 880-68695-4 | SW-25 (15') | Soluble | Solid | 300.0 | 132792 |
| 880-68695-5 | SW-26 (15') | Soluble | Solid | 300.0 | 132792 |
| 880-68695-6 | SW-27 (15') | Soluble | Solid | 300.0 | 132792 |
| 880-68695-7 | SW-28 (15') | Soluble | Solid | 300.0 | 132792 |
| 880-68695-8 | SW-29 (15') | Soluble | Solid | 300.0 | 132792 |
| 880-68695-9 | SW-30 (15') | Soluble | Solid | 300.0 | 132792 |
| MB 880-132792/1-A | Method Blank | Soluble | Solid | 300.0 | 132792 |
| LCS 880-132792/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 132792 |
| LCSD 880-132792/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 132792 |
| 880-68695-4 MS | SW-25 (15') | Soluble | Solid | 300.0 | 132792 |
| 880-68695-4 MSD | SW-25 (15') | Soluble | Solid | 300.0 | 132792 |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68695-1
SDG: Lea County New Mexico

## Client Sample ID: SW-22 (5')

**Lab Sample ID: 880-68695-1**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132825 | 02/24/26 10:24 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132813 | 02/24/26 12:41 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132883 | 02/24/26 12:41 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132901 | 02/24/26 10:24 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132772 | 02/23/26 17:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132809 | 02/24/26 10:24 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 132792 | 02/24/26 08:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132805 | 02/24/26 10:16 | CS | EET MID |

## Client Sample ID: SW-23 (6'-15')

**Lab Sample ID: 880-68695-2**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132825 | 02/24/26 10:24 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132813 | 02/24/26 13:01 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132883 | 02/24/26 13:01 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132901 | 02/24/26 11:08 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10.00 mL | 132772 | 02/23/26 17:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132809 | 02/24/26 11:08 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 132792 | 02/24/26 08:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132805 | 02/24/26 10:21 | CS | EET MID |

## Client Sample ID: SW-24 (6'-15')

**Lab Sample ID: 880-68695-3**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132825 | 02/24/26 10:24 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132813 | 02/24/26 13:22 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132883 | 02/24/26 13:22 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132901 | 02/24/26 11:23 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 132772 | 02/23/26 17:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132809 | 02/24/26 11:23 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 132792 | 02/24/26 08:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132805 | 02/24/26 10:27 | CS | EET MID |

## Client Sample ID: SW-25 (15')

**Lab Sample ID: 880-68695-4**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132825 | 02/24/26 10:24 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132813 | 02/24/26 13:59 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132883 | 02/24/26 13:59 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68695-1
SDG: Lea County New Mexico

## Client Sample ID: SW-25 (15')

**Lab Sample ID: 880-68695-4**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | | | 132901 | 02/24/26 11:38 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 132772 | 02/23/26 17:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132809 | 02/24/26 11:38 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 132792 | 02/24/26 08:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132805 | 02/24/26 10:32 | CS | EET MID |

## Client Sample ID: SW-26 (15')

**Lab Sample ID: 880-68695-5**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132825 | 02/24/26 10:24 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132813 | 02/24/26 14:19 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132883 | 02/24/26 14:19 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132901 | 02/24/26 11:53 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132772 | 02/23/26 17:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132809 | 02/24/26 11:53 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 132792 | 02/24/26 08:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132805 | 02/24/26 10:49 | CS | EET MID |

## Client Sample ID: SW-27 (15')

**Lab Sample ID: 880-68695-6**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132825 | 02/24/26 10:24 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132813 | 02/24/26 14:46 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132883 | 02/24/26 14:46 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132901 | 02/24/26 12:08 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 132772 | 02/23/26 17:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132809 | 02/24/26 12:08 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 132792 | 02/24/26 08:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132805 | 02/24/26 10:55 | CS | EET MID |

## Client Sample ID: SW-28 (15')

**Lab Sample ID: 880-68695-7**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132825 | 02/24/26 10:24 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132813 | 02/24/26 15:26 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132883 | 02/24/26 15:26 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132901 | 02/24/26 12:22 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 132772 | 02/23/26 17:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132809 | 02/24/26 12:22 | FC | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68695-1
SDG: Lea County New Mexico

## Client Sample ID: SW-28 (15')

**Lab Sample ID: 880-68695-7**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 132792 | 02/24/26 08:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132805 | 02/24/26 11:12 | CS | EET MID |

## Client Sample ID: SW-29 (15')

**Lab Sample ID: 880-68695-8**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132825 | 02/24/26 10:24 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132813 | 02/24/26 15:46 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132883 | 02/24/26 15:46 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132901 | 02/24/26 12:37 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 132772 | 02/23/26 17:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132809 | 02/24/26 12:37 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 132792 | 02/24/26 08:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132805 | 02/24/26 11:18 | CS | EET MID |

## Client Sample ID: SW-30 (15')

**Lab Sample ID: 880-68695-9**
**Matrix: Solid**
**Date Collected: 02/23/26 00:00**
**Date Received: 02/23/26 15:24**

| 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 | 132825 | 02/24/26 10:24 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 132813 | 02/24/26 16:21 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 132883 | 02/24/26 16:21 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 132901 | 02/24/26 12:52 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 132772 | 02/23/26 17:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 132809 | 02/24/26 12:52 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 132792 | 02/24/26 08:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 132805 | 02/24/26 11:23 | CS | EET MID |

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68695-1
SDG: Lea County New Mexico

## Laboratory: Eurofins Midland

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

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| Texas | NELAP | T104704400 | 06-30-26 |

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

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

# Method Summary

Client: Carmona Resources
Project/Site: Riser 121 (06.29.2025)

Job ID: 880-68695-1
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: Riser 121 (06.29.2025)

Job ID: 880-68695-1
SDG: Lea County New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 880-68695-1 | SW-22 (5') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68695-2 | SW-23 (6'-15') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68695-3 | SW-24 (6'-15') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68695-4 | SW-25 (15') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68695-5 | SW-26 (15') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68695-6 | SW-27 (15') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68695-7 | SW-28 (15') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68695-8 | SW-29 (15') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |
| 880-68695-9 | SW-30 (15') | Solid | 02/23/26 00:00 | 02/23/26 15:24 | New Mexico |

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# Chain of Custody

880-68695 Chain of Custody

2/24/2026

Page 1 of 1

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | ☐ Routine ☑ Rush |
| Project Number: | 2783 | Due Date: | 24 HR |
| Project Location | Lea County, New Mexico | | |
| Sampler's Name: | JDC | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes (No) | Wet Ice: | (Yes) No |
| Received Intact: | (Yes) No | Thermometer ID: | IR5 |
| Cooler Custody Seals: | Yes No (N/A) | Correction Factor: | .1 |
| Sample Custody Seals: | Yes No (N/A) | Temperature Reading: | 5.3 |
| Total Containers: | | Corrected Temperature: | 5.4 |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2S0_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW-22 (5') | 2/23/2026 | | X | | C | 1 | | X | X | X | | |
| SW-23 (6'-15') | 2/23/2026 | | X | | C | 1 | | X | X | X | | |
| SW-24 (6'-15') | 2/23/2026 | | X | | C | 1 | | X | X | X | | |
| SW-25 (15') | 2/23/2026 | | X | | C | 1 | | X | X | X | | |
| SW-26 (15') | 2/23/2026 | | X | | C | 1 | | X | X | X | | |
| SW-27 (15') | 2/23/2026 | | X | | C | 1 | | X | X | X | | |
| SW-28 (15') | 2/23/2026 | | X | | C | 1 | | X | X | X | | |
| SW-29 (15') | 2/23/2026 | | X | | C | 1 | | X | X | X | | |
| SW-30 (15') | 2/23/2026 | | X | | C | 1 | | X | X | X | | |
| | | | | | | | | | | | | |

**Comments:**

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 2.23.24 15:24 | | 2.23.24 15:24 |
| | | | |
| | | | |

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Received by OCD: 4/9/2026 10:32:47 AM

Released to Imaging: 4/30/2026 3:42:59 PM

# Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68695-1
SDG Number: Lea County New Mexico

**Login Number: 68695**
**List Number: 1**
**Creator: Juarez, Leticia**

**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 | |

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 25, 2026

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: RISER 121 (06.29.2025)

Enclosed are the results of analyses for samples received by the laboratory on 02/25/26 8:13.

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 accreditated 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,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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: | 02/25/2026 | Sampling Date: | 02/25/2026 |
| Reported: | 02/25/2026 | Sampling Type: | Soil |
| Project Name: | RISER 121 (06.29.2025) | Sampling Condition: | Cool & Intact |
| Project Number: | 2783 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | LEA CO NM | | |

### Sample ID: CS-37 (5.25') (H261052-01)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 02/25/2026 | ND | 1.94 | 97.2 | 2.00 | 5.80 | |
| Toluene* | <0.050 | 0.050 | 02/25/2026 | ND | 1.72 | 86.2 | 2.00 | 5.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/25/2026 | ND | 1.67 | 83.4 | 2.00 | 5.85 | |
| Total Xylenes* | <0.150 | 0.150 | 02/25/2026 | ND | 4.83 | 80.5 | 6.00 | 6.22 | |
| Total BTEX | <0.300 | 0.300 | 02/25/2026 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *92.0 %* *70.4-141*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: AC

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **128** | 16.0 | 02/25/2026 | ND | 416 | 104 | 400 | 7.41 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 02/25/2026 | ND | 202 | 101 | 200 | 6.53 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/25/2026 | ND | 170 | 85.1 | 200 | 8.57 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/25/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *80.7 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *77.7 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

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Celey D. Keene, Lab Director/Quality Manager

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# Chain of Custody

Work Order No: H261052



Page 1 of 1

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | ☐ Routine ☑ Rush |
| Project Number: | 2783 | Due Date: | Same Day |
| Project Location | Lea County, New Mexico | | |
| Sampler's Name: | JDC | | |
| PO #: | | | |

| SAMPLE RECEIPT | Temp Blank: | Yes (No) | Wet Ice: | Yes (No) |
|---|---|---|---|---|
| Received Intact: | (Yes) No | Thermometer ID: | #140 | |
| Cooler Custody Seals: | Yes (No) N/A | Correction Factor: | +0.1°c | |
| Sample Custody Seals: | Yes (No) N/A | Temperature Reading: | 4.1 | |
| Total Containers: | | Corrected Temperature: | 4.2 | |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2S0_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 4500 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CS-37 (5.25') | 2/25/2026 | | X | | C | 1 | | X | X | X | | 1 |

Comments:

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 2.25.26 0813 | | |

Received by OCD: 4/9/2026 10:32:47 AM

Released to Imaging: 4/30/2026 3:42:59 PM

CARDINAL Laboratories

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February 26, 2026

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: RISER 121 (06.29.2025)

Enclosed are the results of analyses for samples received by the laboratory on 02/25/26 15:52.

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 accreditated through the State of Colorado Department of Public Health and Environment for:

| | |
|---|---|
| Method EPA 552.2 | Total Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

| | |
|---|---|
| Method SM 9223-B | Total Coliform and E. coli (Colilert MMO-MUG) |
| Method EPA 524.2 | Regulated VOCs and Total Trihalomethanes (TTHM) |
| Method EPA 552.2 | Total Haloacetic Acids (HAA-5) |

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|---|---|---|---|---|
| CS - 59 (13') | H261082-01 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 60 (13') | H261082-02 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 61 (13') | H261082-03 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 62 (13') | H261082-04 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 63 (13') | H261082-05 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 64 (13') | H261082-06 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 65 (13') | H261082-07 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 66 (13') | H261082-08 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 67 (13') | H261082-09 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 68 (13') | H261082-10 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 69 (13') | H261082-11 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 70 (13') | H261082-12 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 71 (13') | H261082-13 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |

**CASE NARRATIVE:**

No lot numbers on containers for traceability.

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 59 (13')

**H261082-01 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **64.0** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *102 %* | *70.4-141* | | *6022517* | JH | *25-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *72.9 %* | *52.4-130* | | *6022519* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *75.7 %* | *39.9-141* | | *6022519* | JF | *25-Feb-26* | *8015B* | |

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 60 (13')

**H261082-02 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **64.0** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *101 %* | *70.4-141* | | *6022517* | JH | *25-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *78.3 %* | *52.4-130* | | *6022519* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *79.6 %* | *39.9-141* | | *6022519* | JF | *25-Feb-26* | *8015B* | |

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 61 (13')

**H261082-03 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **80.0** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *104 %* | *70.4-141* | | *6022517* | JH | *25-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *70.6 %* | *52.4-130* | | *6022519* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *72.8 %* | *39.9-141* | | *6022519* | JF | *25-Feb-26* | *8015B* | |

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 62 (13')

**H261082-04 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **336** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *97.2 %* | *70.4-141* | | *6022517* | JH | *25-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *77.7 %* | *52.4-130* | | *6022519* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *79.4 %* | *39.9-141* | | *6022519* | JF | *25-Feb-26* | *8015B* | |

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 63 (13')

**H261082-05 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **160** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *100 %* | *70.4-141* | | *6022517* | JH | *25-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *79.8 %* | *52.4-130* | | *6022519* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *80.4 %* | *39.9-141* | | *6022519* | JF | *25-Feb-26* | *8015B* | |

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 64 (13')

**H261082-06 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **320** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *100 %* | *70.4-141* | | *6022517* | JH | *25-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *80.4 %* | *52.4-130* | | *6022519* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *81.2 %* | *39.9-141* | | *6022519* | JF | *25-Feb-26* | *8015B* | |

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 65 (13')

**H261082-07 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **144** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *101 %* | *70.4-141* | | *6022517* | JH | *25-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *81.4 %* | *52.4-130* | | *6022519* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *84.1 %* | *39.9-141* | | *6022519* | JF | *25-Feb-26* | *8015B* | |

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 66 (13')

**H261082-08 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **128** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *94.1 %* | *70.4-141* | | *6022517* | JH | *25-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *80.8 %* | *52.4-130* | | *6022519* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *83.5 %* | *39.9-141* | | *6022519* | JF | *25-Feb-26* | *8015B* | |

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 67 (13')

**H261082-09 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **80.0** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 26-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 26-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 26-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022517 | JH | 26-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022517 | JH | 26-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *100 %* | *70.4-141* | | *6022517* | JH | *26-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *86.8 %* | *52.4-130* | | *6022519* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *89.7 %* | *39.9-141* | | *6022519* | JF | *25-Feb-26* | *8015B* | |

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 68 (13')

**H261082-10 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **80.0** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 26-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 26-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 26-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022517 | JH | 26-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022517 | JH | 26-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *99.6 %* | *70.4-141* | | *6022517* | JH | *26-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *84.1 %* | *52.4-130* | | *6022519* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *85.0 %* | *39.9-141* | | *6022519* | JF | *25-Feb-26* | *8015B* | |

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 69 (13')

**H261082-11 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **48.0** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *92.0 %* | *70.4-141* | | *6022524* | JH | *25-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022522 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022522 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022522 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *92.0 %* | *52.4-130* | | *6022522* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *85.9 %* | *39.9-141* | | *6022522* | JF | *25-Feb-26* | *8015B* | |

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 70 (13')

**H261082-12 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **32.0** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *92.4 %* | *70.4-141* | | *6022524* | JH | *25-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022522 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022522 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022522 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *93.5 %* | *52.4-130* | | *6022522* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *90.3 %* | *39.9-141* | | *6022522* | JF | *25-Feb-26* | *8015B* | |

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 71 (13')

**H261082-13 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **160** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *91.7 %* | *70.4-141* | | *6022524* | JH | *25-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022522 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022522 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022522 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *92.9 %* | *52.4-130* | | *6022522* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *89.9 %* | *39.9-141* | | *6022522* | JF | *25-Feb-26* | *8015B* | |

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Celey D. Keene, Lab Director/Quality Manager

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### Inorganic Compounds - Quality Control

### Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 6022520 - 1:4 DI Water** | | | | | | | | | | |
| **Blank (6022520-BLK1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | | |
| **LCS (6022520-BS1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | | | |
| **LCS Dup (6022520-BSD1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | 3.77 | 20 | |

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### Volatile Organic Compounds by EPA Method 8021 - Quality Control

### Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 6022517 - Volatiles** | | | | | | | | | | |
| **Blank (6022517-BLK1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | *0.0930* | | mg/kg | *0.100* | | *93.0* | *70.4-141* | | | |
| **LCS (6022517-BS1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| Benzene | 2.04 | 0.050 | mg/kg | 2.00 | | 102 | 71-111 | | | |
| Toluene | 1.92 | 0.050 | mg/kg | 2.00 | | 96.2 | 75-116 | | | |
| Ethylbenzene | 1.97 | 0.050 | mg/kg | 2.00 | | 98.4 | 74.2-119 | | | |
| m,p-Xylene | 3.74 | 0.100 | mg/kg | 4.00 | | 93.6 | 72.5-123 | | | |
| o-Xylene | 1.92 | 0.050 | mg/kg | 2.00 | | 96.1 | 70.5-124 | | | |
| Total Xylenes | 5.67 | 0.150 | mg/kg | 6.00 | | 94.4 | 72.2-123 | | | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | *0.0951* | | mg/kg | *0.100* | | *95.1* | *70.4-141* | | | |
| **LCS Dup (6022517-BSD1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| Benzene | 2.03 | 0.050 | mg/kg | 2.00 | | 102 | 71-111 | 0.465 | 17.6 | |
| Toluene | 1.97 | 0.050 | mg/kg | 2.00 | | 98.4 | 75-116 | 2.28 | 14.8 | |
| Ethylbenzene | 2.03 | 0.050 | mg/kg | 2.00 | | 101 | 74.2-119 | 3.08 | 14.2 | |
| m,p-Xylene | 3.86 | 0.100 | mg/kg | 4.00 | | 96.4 | 72.5-123 | 2.99 | 13.6 | |
| o-Xylene | 2.00 | 0.050 | mg/kg | 2.00 | | 99.8 | 70.5-124 | 3.69 | 13.7 | |
| Total Xylenes | 5.85 | 0.150 | mg/kg | 6.00 | | 97.5 | 72.2-123 | 3.23 | 13.3 | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | *0.0981* | | mg/kg | *0.100* | | *98.1* | *70.4-141* | | | |
| **Batch 6022524 - Volatiles** | | | | | | | | | | |
| **Blank (6022524-BLK1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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## Analytical Results For:

| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |
|---|---|---|

### Volatile Organic Compounds by EPA Method 8021 - Quality Control

### Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 6022524 - Volatiles** | | | | | | | | | | |
| **Blank (6022524-BLK1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | *ND* | | mg/kg | *0.0500* | | *92.2* | *70.4-141* | | | |
| **LCS (6022524-BS1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| Benzene | 2.03 | 0.050 | mg/kg | 2.00 | | 101 | 71-111 | | | |
| Toluene | 1.78 | 0.050 | mg/kg | 2.00 | | 88.9 | 75-116 | | | |
| Ethylbenzene | 1.74 | 0.050 | mg/kg | 2.00 | | 86.8 | 74.2-119 | | | |
| m,p-Xylene | 3.36 | 0.100 | mg/kg | 4.00 | | 84.0 | 72.5-123 | | | |
| o-Xylene | 1.68 | 0.050 | mg/kg | 2.00 | | 83.8 | 70.5-124 | | | |
| Total Xylenes | 5.04 | 0.150 | mg/kg | 6.00 | | 83.9 | 72.2-123 | | | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | *0.0448* | | mg/kg | *0.0500* | | *89.7* | *70.4-141* | | | |
| **LCS Dup (6022524-BSD1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| Benzene | 2.09 | 0.050 | mg/kg | 2.00 | | 105 | 71-111 | 3.10 | 17.6 | |
| Toluene | 1.82 | 0.050 | mg/kg | 2.00 | | 91.0 | 75-116 | 2.33 | 14.8 | |
| Ethylbenzene | 1.78 | 0.050 | mg/kg | 2.00 | | 89.0 | 74.2-119 | 2.46 | 14.2 | |
| m,p-Xylene | 3.45 | 0.100 | mg/kg | 4.00 | | 86.1 | 72.5-123 | 2.54 | 13.6 | |
| o-Xylene | 1.72 | 0.050 | mg/kg | 2.00 | | 86.1 | 70.5-124 | 2.69 | 13.7 | |
| Total Xylenes | 5.17 | 0.150 | mg/kg | 6.00 | | 86.1 | 72.2-123 | 2.59 | 13.3 | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | *0.0439* | | mg/kg | *0.0500* | | *87.8* | *70.4-141* | | | |

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### Petroleum Hydrocarbons by GC FID - Quality Control

### Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 6022519 - General Prep - Organics** | | | | | | | | | | |
| **Blank (6022519-BLK1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| *Surrogate: 1-Chlorooctane* | *45.4* | | mg/kg | *50.0* | | *90.7* | *52.4-130* | | | |
| *Surrogate: 1-Chlorooctadecane* | *46.2* | | mg/kg | *50.0* | | *92.5* | *39.9-141* | | | |
| **LCS (6022519-BS1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| GRO C6-C10 | 229 | 10.0 | mg/kg | 200 | | 115 | 78.7-123 | | | |
| DRO >C10-C28 | 218 | 10.0 | mg/kg | 200 | | 109 | 74.8-123 | | | |
| Total TPH C6-C28 | 447 | 10.0 | mg/kg | 400 | | 112 | 78.6-121 | | | |
| *Surrogate: 1-Chlorooctane* | *45.9* | | mg/kg | *50.0* | | *91.8* | *52.4-130* | | | |
| *Surrogate: 1-Chlorooctadecane* | *47.4* | | mg/kg | *50.0* | | *94.8* | *39.9-141* | | | |
| **LCS Dup (6022519-BSD1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| GRO C6-C10 | 234 | 10.0 | mg/kg | 200 | | 117 | 78.7-123 | 2.11 | 11.3 | |
| DRO >C10-C28 | 229 | 10.0 | mg/kg | 200 | | 114 | 74.8-123 | 4.83 | 10.9 | |
| Total TPH C6-C28 | 463 | 10.0 | mg/kg | 400 | | 116 | 78.6-121 | 3.44 | 10.5 | |
| *Surrogate: 1-Chlorooctane* | *44.3* | | mg/kg | *50.0* | | *88.7* | *52.4-130* | | | |
| *Surrogate: 1-Chlorooctadecane* | *47.3* | | mg/kg | *50.0* | | *94.6* | *39.9-141* | | | |
| **Batch 6022522 - General Prep - Organics** | | | | | | | | | | |
| **Blank (6022522-BLK1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| *Surrogate: 1-Chlorooctane* | *50.1* | | mg/kg | *50.0* | | *100* | *52.4-130* | | | |
| *Surrogate: 1-Chlorooctadecane* | *47.6* | | mg/kg | *50.0* | | *95.3* | *39.9-141* | | | |

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### Petroleum Hydrocarbons by GC FID - Quality Control

### Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 6022522 - General Prep - Organics** | | | | | | | | | | |
| **LCS (6022522-BS1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| GRO C6-C10 | 224 | 10.0 | mg/kg | 200 | | 112 | 78.7-123 | | | |
| DRO >C10-C28 | 210 | 10.0 | mg/kg | 200 | | 105 | 74.8-123 | | | |
| Total TPH C6-C28 | 434 | 10.0 | mg/kg | 400 | | 109 | 78.6-121 | | | |
| *Surrogate: 1-Chlorooctane* | *50.7* | | mg/kg | *50.0* | | *101* | *52.4-130* | | | |
| *Surrogate: 1-Chlorooctadecane* | *49.0* | | mg/kg | *50.0* | | *98.0* | *39.9-141* | | | |
| **LCS Dup (6022522-BSD1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| GRO C6-C10 | 225 | 10.0 | mg/kg | 200 | | 113 | 78.7-123 | 0.497 | 11.3 | |
| DRO >C10-C28 | 211 | 10.0 | mg/kg | 200 | | 105 | 74.8-123 | 0.370 | 10.9 | |
| Total TPH C6-C28 | 436 | 10.0 | mg/kg | 400 | | 109 | 78.6-121 | 0.436 | 10.5 | |
| *Surrogate: 1-Chlorooctane* | *48.4* | | mg/kg | *50.0* | | *96.7* | *52.4-130* | | | |
| *Surrogate: 1-Chlorooctadecane* | *47.5* | | mg/kg | *50.0* | | *94.9* | *39.9-141* | | | |

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## Notes and Definitions

| | |
|---|---|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C |
| | Samples reported on an as received basis (wet) unless otherwise noted on report |

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# Chain of Custody

Work Order No: H2601082



Page 1 of 1

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St St: 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | ☐ Routine ☑ Rush |
| Project Number: | 2783 | Due Date: | 24 HR |
| Project Location | Lea County, New Mexico | | |
| Sampler's Name: | JDC | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank: | Yes (No) | Wet Ice: | Yes (No) | |
| Received Intact: | (Yes) No | Thermometer ID: | #140 | |
| Cooler Custody Seals: | Yes (No) N/A | Correction Factor: | +0.1°C | |
| Sample Custody Seals: | Yes (No) N/A | Temperature Reading: | 5.3°C | |
| Total Containers: | | Corrected Temperature: | 5.4°C | |

| | Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | Parameters: BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 4500 | Hold |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | CS-59 (13') | 2/25/2026 | | X | | C | 1 | | X | X | X | |
| 2 | CS-60 (13') | 2/25/2026 | | X | | C | 1 | | X | X | X | |
| 3 | CS-61 (13') | 2/25/2026 | | X | | C | 1 | | X | X | X | |
| 4 | CS-62 (13') | 2/25/2026 | | X | | C | 1 | | X | X | X | |
| 5 | CS-63 (13') | 2/25/2026 | | X | | C | 1 | | X | X | X | |
| 6 | CS-64 (13') | 2/25/2026 | | X | | C | 1 | | X | X | X | |
| 7 | CS-65 (13') | 2/25/2026 | | X | | C | 1 | | X | X | X | |
| 8 | CS-66 (13') | 2/25/2026 | | X | | C | 1 | | X | X | X | |
| 9 | CS-67 (13') | 2/25/2026 | | X | | C | 1 | | X | X | X | |
| 10 | CS-68 (13') | 2/25/2026 | | X | | C | 1 | | X | X | X | |

**Preservative Codes**

None: NO — DI Water: $H_2O$

Cool: Cool — MeOH: Me

HCL: HC — $HNO_3$: HN

$H_2S0_4$: $H_2$ — NaOH: Na

$H_3PO_4$: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

**Sample Comments**

Comments:

NO Labels

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 2-25-26 1552 | | |

Received by OCD: 4/9/2026 10:32:47 AM

Released to Imaging: 4/30/2026 3:42:59 PM

Page 549 of 606

# Chain of Custody

Work Order No: H241082



Page 2 of 2

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

| | |
|---|---|
| Project Name: | Riser 121 (06.29.2025) |
| Project Number: | 2783 |
| Project Location | Lea County, New Mexico |
| Sampler's Name: | JDC |
| PO #: | |

**Turn Around**: ☐ Routine ☑ Rush — Due Date: 24 HR

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes (No) | Wet Ice: | Yes (No) |
| Received Intact: | (Yes) No | Thermometer ID: | #140 |
| Cooler Custody Seals: | Yes (No) N/A | Correction Factor: | +0.1c |
| Sample Custody Seals: | Yes (No) N/A | Temperature Reading: | 5.3c |
| Total Containers: | | Corrected Temperature: | 5.4c |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 4500 | Hold |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 CS-69 (13') | 2/25/2026 | | X | | C | 1 | | X | X | X | |
| 12 CS-70 (13') | 2/25/2026 | | X | | C | 1 | | X | X | X | |
| 13 CS-71 (13') | 2/25/2026 | | X | | C | 1 | | X | X | X | |

**Preservative Codes**

None: NO — DI Water: $H_2O$
Cool: Cool — MeOH: Me
HCL: HC — $HNO_3$: HN
$H_2S0_4$: $H_2$ — NaOH: Na
$H_3PO_4$: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

**Sample Comments**

Comments:

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 2-25-26 1553 | | |

Received by OCD: 4/9/2026 10:32:47 AM

Released to Imaging: 4/30/2026 3:42:59 PM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 26, 2026

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: RISER 121 (06.29.2025)

Enclosed are the results of analyses for samples received by the laboratory on 02/25/26 15:52.

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 accreditated through the State of Colorado Department of Public Health and Environment for:

| | |
|---|---|
| Method EPA 552.2 | Total Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

| | |
|---|---|
| Method SM 9223-B | Total Coliform and E. coli (Colilert MMO-MUG) |
| Method EPA 524.2 | Regulated VOCs and Total Trihalomethanes (TTHM) |
| Method EPA 552.2 | Total Haloacetic Acids (HAA-5) |

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|---|---|---|---|---|
| CS - 59 (13') | H261082-01 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 60 (13') | H261082-02 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 61 (13') | H261082-03 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 62 (13') | H261082-04 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 63 (13') | H261082-05 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 64 (13') | H261082-06 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 65 (13') | H261082-07 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 66 (13') | H261082-08 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 67 (13') | H261082-09 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 68 (13') | H261082-10 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 69 (13') | H261082-11 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 70 (13') | H261082-12 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |
| CS - 71 (13') | H261082-13 | Soil | 25-Feb-26 00:00 | 25-Feb-26 15:52 |

**CASE NARRATIVE:**

No lot numbers on containers for traceability.

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 59 (13')

**H261082-01 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **64.0** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *102 %* | *70.4-141* | | *6022517* | JH | *25-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *72.9 %* | *52.4-130* | | *6022519* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *75.7 %* | *39.9-141* | | *6022519* | JF | *25-Feb-26* | *8015B* | |

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 60 (13')

**H261082-02 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **64.0** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *101 %* | *70.4-141* | | *6022517* | JH | *25-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *78.3 %* | *52.4-130* | | *6022519* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *79.6 %* | *39.9-141* | | *6022519* | JF | *25-Feb-26* | *8015B* | |

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 61 (13')

**H261082-03 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **80.0** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *104 %* | *70.4-141* | | *6022517* | JH | *25-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *70.6 %* | *52.4-130* | | *6022519* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *72.8 %* | *39.9-141* | | *6022519* | JF | *25-Feb-26* | *8015B* | |

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 62 (13')

**H261082-04 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **336** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *97.2 %* | *70.4-141* | | *6022517* | JH | *25-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *77.7 %* | *52.4-130* | | *6022519* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *79.4 %* | *39.9-141* | | *6022519* | JF | *25-Feb-26* | *8015B* | |

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 63 (13')

**H261082-05 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **160** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *100 %* | *70.4-141* | | *6022517* | JH | *25-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *79.8 %* | *52.4-130* | | *6022519* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *80.4 %* | *39.9-141* | | *6022519* | JF | *25-Feb-26* | *8015B* | |

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 64 (13')

**H261082-06 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **320** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *100 %* | *70.4-141* | | *6022517* | JH | *25-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *80.4 %* | *52.4-130* | | *6022519* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *81.2 %* | *39.9-141* | | *6022519* | JF | *25-Feb-26* | *8015B* | |

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 65 (13')

**H261082-07 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **144** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *101 %* | *70.4-141* | | *6022517* | JH | *25-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *81.4 %* | *52.4-130* | | *6022519* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *84.1 %* | *39.9-141* | | *6022519* | JF | *25-Feb-26* | *8015B* | |

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 66 (13')

**H261082-08 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **128** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022517 | JH | 25-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *94.1 %* | *70.4-141* | | *6022517* | JH | *25-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *80.8 %* | *52.4-130* | | *6022519* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *83.5 %* | *39.9-141* | | *6022519* | JF | *25-Feb-26* | *8015B* | |

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 67 (13')

**H261082-09 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **80.0** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 26-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 26-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 26-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022517 | JH | 26-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022517 | JH | 26-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *100 %* | *70.4-141* | | *6022517* | JH | *26-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *86.8 %* | *52.4-130* | | *6022519* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *89.7 %* | *39.9-141* | | *6022519* | JF | *25-Feb-26* | *8015B* | |

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 68 (13')

**H261082-10 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **80.0** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 26-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 26-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022517 | JH | 26-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022517 | JH | 26-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022517 | JH | 26-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *99.6 %* | *70.4-141* | | *6022517* | JH | *26-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022519 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *84.1 %* | *52.4-130* | | *6022519* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *85.0 %* | *39.9-141* | | *6022519* | JF | *25-Feb-26* | *8015B* | |

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 69 (13')

**H261082-11 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **48.0** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *92.0 %* | *70.4-141* | | *6022524* | JH | *25-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022522 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022522 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022522 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *92.0 %* | *52.4-130* | | *6022522* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *85.9 %* | *39.9-141* | | *6022522* | JF | *25-Feb-26* | *8015B* | |

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 70 (13')

**H261082-12 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **32.0** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *92.4 %* | *70.4-141* | | *6022524* | JH | *25-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022522 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022522 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022522 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *93.5 %* | *52.4-130* | | *6022522* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *90.3 %* | *39.9-141* | | *6022522* | JF | *25-Feb-26* | *8015B* | |

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### CS - 71 (13')

**H261082-13 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| **Chloride** | **160** | | 16.0 | mg/kg | 4 | 6022520 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022524 | JH | 25-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *91.7 %* | *70.4-141* | | *6022524* | JH | *25-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022522 | JF | 25-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022522 | JF | 25-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022522 | JF | 25-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *92.9 %* | *52.4-130* | | *6022522* | JF | *25-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *89.9 %* | *39.9-141* | | *6022522* | JF | *25-Feb-26* | *8015B* | |

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### Inorganic Compounds - Quality Control

### Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 6022520 - 1:4 DI Water** | | | | | | | | | | |
| **Blank (6022520-BLK1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | | |
| **LCS (6022520-BS1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | | | |
| **LCS Dup (6022520-BSD1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | 3.77 | 20 | |

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### Volatile Organic Compounds by EPA Method 8021 - Quality Control

### Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 6022517 - Volatiles** | | | | | | | | | | |
| **Blank (6022517-BLK1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | *0.0930* | | mg/kg | *0.100* | | *93.0* | *70.4-141* | | | |
| **LCS (6022517-BS1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| Benzene | 2.04 | 0.050 | mg/kg | 2.00 | | 102 | 71-111 | | | |
| Toluene | 1.92 | 0.050 | mg/kg | 2.00 | | 96.2 | 75-116 | | | |
| Ethylbenzene | 1.97 | 0.050 | mg/kg | 2.00 | | 98.4 | 74.2-119 | | | |
| m,p-Xylene | 3.74 | 0.100 | mg/kg | 4.00 | | 93.6 | 72.5-123 | | | |
| o-Xylene | 1.92 | 0.050 | mg/kg | 2.00 | | 96.1 | 70.5-124 | | | |
| Total Xylenes | 5.67 | 0.150 | mg/kg | 6.00 | | 94.4 | 72.2-123 | | | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | *0.0951* | | mg/kg | *0.100* | | *95.1* | *70.4-141* | | | |
| **LCS Dup (6022517-BSD1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| Benzene | 2.03 | 0.050 | mg/kg | 2.00 | | 102 | 71-111 | 0.465 | 17.6 | |
| Toluene | 1.97 | 0.050 | mg/kg | 2.00 | | 98.4 | 75-116 | 2.28 | 14.8 | |
| Ethylbenzene | 2.03 | 0.050 | mg/kg | 2.00 | | 101 | 74.2-119 | 3.08 | 14.2 | |
| m,p-Xylene | 3.86 | 0.100 | mg/kg | 4.00 | | 96.4 | 72.5-123 | 2.99 | 13.6 | |
| o-Xylene | 2.00 | 0.050 | mg/kg | 2.00 | | 99.8 | 70.5-124 | 3.69 | 13.7 | |
| Total Xylenes | 5.85 | 0.150 | mg/kg | 6.00 | | 97.5 | 72.2-123 | 3.23 | 13.3 | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | *0.0981* | | mg/kg | *0.100* | | *98.1* | *70.4-141* | | | |
| **Batch 6022524 - Volatiles** | | | | | | | | | | |
| **Blank (6022524-BLK1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### Volatile Organic Compounds by EPA Method 8021 - Quality Control

### Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 6022524 - Volatiles** | | | | | | | | | | |
| **Blank (6022524-BLK1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | *ND* | | mg/kg | *0.0500* | | *92.2* | *70.4-141* | | | |
| **LCS (6022524-BS1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| Benzene | 2.03 | 0.050 | mg/kg | 2.00 | | 101 | 71-111 | | | |
| Toluene | 1.78 | 0.050 | mg/kg | 2.00 | | 88.9 | 75-116 | | | |
| Ethylbenzene | 1.74 | 0.050 | mg/kg | 2.00 | | 86.8 | 74.2-119 | | | |
| m,p-Xylene | 3.36 | 0.100 | mg/kg | 4.00 | | 84.0 | 72.5-123 | | | |
| o-Xylene | 1.68 | 0.050 | mg/kg | 2.00 | | 83.8 | 70.5-124 | | | |
| Total Xylenes | 5.04 | 0.150 | mg/kg | 6.00 | | 83.9 | 72.2-123 | | | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | *0.0448* | | mg/kg | *0.0500* | | *89.7* | *70.4-141* | | | |
| **LCS Dup (6022524-BSD1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| Benzene | 2.09 | 0.050 | mg/kg | 2.00 | | 105 | 71-111 | 3.10 | 17.6 | |
| Toluene | 1.82 | 0.050 | mg/kg | 2.00 | | 91.0 | 75-116 | 2.33 | 14.8 | |
| Ethylbenzene | 1.78 | 0.050 | mg/kg | 2.00 | | 89.0 | 74.2-119 | 2.46 | 14.2 | |
| m,p-Xylene | 3.45 | 0.100 | mg/kg | 4.00 | | 86.1 | 72.5-123 | 2.54 | 13.6 | |
| o-Xylene | 1.72 | 0.050 | mg/kg | 2.00 | | 86.1 | 70.5-124 | 2.69 | 13.7 | |
| Total Xylenes | 5.17 | 0.150 | mg/kg | 6.00 | | 86.1 | 72.2-123 | 2.59 | 13.3 | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | *0.0439* | | mg/kg | *0.0500* | | *87.8* | *70.4-141* | | | |

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## Analytical Results For:

| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |
|---|---|---|

### Petroleum Hydrocarbons by GC FID - Quality Control

### Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 6022519 - General Prep - Organics** | | | | | | | | | | |
| **Blank (6022519-BLK1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| *Surrogate: 1-Chlorooctane* | *45.4* | | mg/kg | *50.0* | | *90.7* | *52.4-130* | | | |
| *Surrogate: 1-Chlorooctadecane* | *46.2* | | mg/kg | *50.0* | | *92.5* | *39.9-141* | | | |
| **LCS (6022519-BS1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| GRO C6-C10 | 229 | 10.0 | mg/kg | 200 | | 115 | 78.7-123 | | | |
| DRO >C10-C28 | 218 | 10.0 | mg/kg | 200 | | 109 | 74.8-123 | | | |
| Total TPH C6-C28 | 447 | 10.0 | mg/kg | 400 | | 112 | 78.6-121 | | | |
| *Surrogate: 1-Chlorooctane* | *45.9* | | mg/kg | *50.0* | | *91.8* | *52.4-130* | | | |
| *Surrogate: 1-Chlorooctadecane* | *47.4* | | mg/kg | *50.0* | | *94.8* | *39.9-141* | | | |
| **LCS Dup (6022519-BSD1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| GRO C6-C10 | 234 | 10.0 | mg/kg | 200 | | 117 | 78.7-123 | 2.11 | 11.3 | |
| DRO >C10-C28 | 229 | 10.0 | mg/kg | 200 | | 114 | 74.8-123 | 4.83 | 10.9 | |
| Total TPH C6-C28 | 463 | 10.0 | mg/kg | 400 | | 116 | 78.6-121 | 3.44 | 10.5 | |
| *Surrogate: 1-Chlorooctane* | *44.3* | | mg/kg | *50.0* | | *88.7* | *52.4-130* | | | |
| *Surrogate: 1-Chlorooctadecane* | *47.3* | | mg/kg | *50.0* | | *94.6* | *39.9-141* | | | |
| **Batch 6022522 - General Prep - Organics** | | | | | | | | | | |
| **Blank (6022522-BLK1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| *Surrogate: 1-Chlorooctane* | *50.1* | | mg/kg | *50.0* | | *100* | *52.4-130* | | | |
| *Surrogate: 1-Chlorooctadecane* | *47.6* | | mg/kg | *50.0* | | *95.3* | *39.9-141* | | | |

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 12:35 |

### Petroleum Hydrocarbons by GC FID - Quality Control

### Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 6022522 - General Prep - Organics** | | | | | | | | | | |
| **LCS (6022522-BS1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| GRO C6-C10 | 224 | 10.0 | mg/kg | 200 | | 112 | 78.7-123 | | | |
| DRO >C10-C28 | 210 | 10.0 | mg/kg | 200 | | 105 | 74.8-123 | | | |
| Total TPH C6-C28 | 434 | 10.0 | mg/kg | 400 | | 109 | 78.6-121 | | | |
| *Surrogate: 1-Chlorooctane* | *50.7* | | mg/kg | *50.0* | | *101* | *52.4-130* | | | |
| *Surrogate: 1-Chlorooctadecane* | *49.0* | | mg/kg | *50.0* | | *98.0* | *39.9-141* | | | |
| **LCS Dup (6022522-BSD1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| GRO C6-C10 | 225 | 10.0 | mg/kg | 200 | | 113 | 78.7-123 | 0.497 | 11.3 | |
| DRO >C10-C28 | 211 | 10.0 | mg/kg | 200 | | 105 | 74.8-123 | 0.370 | 10.9 | |
| Total TPH C6-C28 | 436 | 10.0 | mg/kg | 400 | | 109 | 78.6-121 | 0.436 | 10.5 | |
| *Surrogate: 1-Chlorooctane* | *48.4* | | mg/kg | *50.0* | | *96.7* | *52.4-130* | | | |
| *Surrogate: 1-Chlorooctadecane* | *47.5* | | mg/kg | *50.0* | | *94.9* | *39.9-141* | | | |

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## Notes and Definitions

| | |
|---|---|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C |
| | Samples reported on an as received basis (wet) unless otherwise noted on report |

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Page 571 of 606

# Chain of Custody

Work Order No: H2601082



Page 1 of 1

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St St: 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | ☐ Routine ☑ Rush |
| Project Number: | 2783 | Due Date: | 24 HR |
| Project Location | Lea County, New Mexico | | |
| Sampler's Name: | JDC | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank: | Yes (No) | Wet Ice: | Yes (No) | |
| Received Intact: | (Yes) No | Thermometer ID: | #140 | |
| Cooler Custody Seals: | Yes (No) N/A | Correction Factor: | +0.1°C | |
| Sample Custody Seals: | Yes (No) N/A | Temperature Reading: | 5.3°C | |
| Total Containers: | | Corrected Temperature: | 5.4°C | |

| | Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 4500 | Hold |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | CS-59 (13') | 2/25/2026 | | X | | C | 1 | X | X | X | |
| 2 | CS-60 (13') | 2/25/2026 | | X | | C | 1 | X | X | X | |
| 3 | CS-61 (13') | 2/25/2026 | | X | | C | 1 | X | X | X | |
| 4 | CS-62 (13') | 2/25/2026 | | X | | C | 1 | X | X | X | |
| 5 | CS-63 (13') | 2/25/2026 | | X | | C | 1 | X | X | X | |
| 6 | CS-64 (13') | 2/25/2026 | | X | | C | 1 | X | X | X | |
| 7 | CS-65 (13') | 2/25/2026 | | X | | C | 1 | X | X | X | |
| 8 | CS-66 (13') | 2/25/2026 | | X | | C | 1 | X | X | X | |
| 9 | CS-67 (13') | 2/25/2026 | | X | | C | 1 | X | X | X | |
| 10 | CS-68 (13') | 2/25/2026 | | X | | C | 1 | X | X | X | |

**Preservative Codes**

None: NO — DI Water: $H_2O$

Cool: Cool — MeOH: Me

HCL: HC — $HNO_3$: HN

$H_2S0_4$: $H_2$ — NaOH: Na

$H_3PO_4$: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

**Sample Comments**

Comments:

NO Labels

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 2-25-26 1552 | | |

Received by OCD: 4/9/2026 10:32:47 AM

Released to Imaging: 4/30/2026 3:42:59 PM

Page 572 of 606

# Chain of Custody

Work Order No: H241082



Page 2 of 2

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | ☐ Routine ☑ Rush |
| Project Number: | 2783 | Due Date: | 24 HR |
| Project Location | Lea County, New Mexico | | |
| Sampler's Name: | JDC | | |
| PO #: | | | |

**SAMPLE RECEIPT**

| | | | |
|---|---|---|---|
| Temp Blank: | Yes (No) | Wet Ice: | Yes (No) |
| Received Intact: | (Yes) No | Thermometer ID: | #140 |
| Cooler Custody Seals: | Yes (No) N/A | Correction Factor: | +0.1c |
| Sample Custody Seals: | Yes (No) N/A | Temperature Reading: | 5.3c |
| Total Containers: | | Corrected Temperature: | 5.4c |

**ANALYSIS REQUEST**

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 4500 | Hold |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 CS-69 (13') | 2/25/2026 | | X | | C | 1 | | X | X | X | |
| 12 CS-70 (13') | 2/25/2026 | | X | | C | 1 | | X | X | X | |
| 13 CS-71 (13') | 2/25/2026 | | X | | C | 1 | | X | X | X | |

**Preservative Codes**

| | |
|---|---|
| None: NO | DI Water: $H_2O$ |
| Cool: Cool | MeOH: Me |
| HCL: HC | $HNO_3$: HN |
| $H_2S0_4$: $H_2$ | NaOH: Na |
| $H_3PO_4$: HP | |
| $NaHSO_4$: NABIS | |
| $Na_2S_2O_3$: $NaSO_3$ | |
| Zn Acetate+NaOH: Zn | |
| NaOH+Ascorbic Acid: SAPC | |

**Sample Comments**

Comments:

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 2-25-26 1553 | | |

Received by OCD: 4/9/2026 10:32:47 AM

Released to Imaging: 4/30/2026 3:42:59 PM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 26, 2026

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: RISER 121 (06.29.2025)

Enclosed are the results of analyses for samples received by the laboratory on 02/25/26 15:52.

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 accreditated 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,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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: | 02/25/2026 | Sampling Date: | 02/25/2026 |
| Reported: | 02/26/2026 | Sampling Type: | Soil |
| Project Name: | RISER 121 (06.29.2025) | Sampling Condition: | Cool & Intact |
| Project Number: | 2783 | Sample Received By: | Tamara Oldaker |
| Project Location: | LEA CO NM | | |

### Sample ID: SW 31 (13'-15') (H261081-01)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 02/25/2026 | ND | 2.18 | 109 | 2.00 | 1.20 | |
| Toluene* | <0.050 | 0.050 | 02/25/2026 | ND | 2.04 | 102 | 2.00 | 4.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/25/2026 | ND | 2.20 | 110 | 2.00 | 1.49 | |
| Total Xylenes* | <0.150 | 0.150 | 02/25/2026 | ND | 6.65 | 111 | 6.00 | 0.0627 | |
| Total BTEX | <0.300 | 0.300 | 02/25/2026 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *99.3 %* *70.4-141*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: AC

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **48.0** | 16.0 | 02/26/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 02/25/2026 | ND | 209 | 104 | 200 | 3.42 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/25/2026 | ND | 200 | 99.9 | 200 | 2.41 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/25/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *77.1 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *80.7 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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: | 02/25/2026 | Sampling Date: | 02/25/2026 |
| Reported: | 02/26/2026 | Sampling Type: | Soil |
| Project Name: | RISER 121 (06.29.2025) | Sampling Condition: | Cool & Intact |
| Project Number: | 2783 | Sample Received By: | Tamara Oldaker |
| Project Location: | LEA CO NM | | |

### Sample ID: SW 32 (5'-13') (H261081-02)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 02/25/2026 | ND | 2.18 | 109 | 2.00 | 1.20 | |
| Toluene* | <0.050 | 0.050 | 02/25/2026 | ND | 2.04 | 102 | 2.00 | 4.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/25/2026 | ND | 2.20 | 110 | 2.00 | 1.49 | |
| Total Xylenes* | <0.150 | 0.150 | 02/25/2026 | ND | 6.65 | 111 | 6.00 | 0.0627 | |
| Total BTEX | <0.300 | 0.300 | 02/25/2026 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *109 %* *70.4-141*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: AC

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **64.0** | 16.0 | 02/26/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 02/25/2026 | ND | 209 | 104 | 200 | 3.42 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/25/2026 | ND | 200 | 99.9 | 200 | 2.41 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/25/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *81.8 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *85.7 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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: | 02/25/2026 | Sampling Date: | 02/25/2026 |
| Reported: | 02/26/2026 | Sampling Type: | Soil |
| Project Name: | RISER 121 (06.29.2025) | Sampling Condition: | Cool & Intact |
| Project Number: | 2783 | Sample Received By: | Tamara Oldaker |
| Project Location: | LEA CO NM | | |

### Sample ID: SW 33 (5'-13') (H261081-03)

**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 | 02/25/2026 | ND | 2.18 | 109 | 2.00 | 1.20 | |
| Toluene* | <0.050 | 0.050 | 02/25/2026 | ND | 2.04 | 102 | 2.00 | 4.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/25/2026 | ND | 2.20 | 110 | 2.00 | 1.49 | |
| Total Xylenes* | <0.150 | 0.150 | 02/25/2026 | ND | 6.65 | 111 | 6.00 | 0.0627 | |
| Total BTEX | <0.300 | 0.300 | 02/25/2026 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *106 %* *70.4-141*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: AC

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **80.0** | 16.0 | 02/26/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 02/26/2026 | ND | 209 | 104 | 200 | 3.42 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/26/2026 | ND | 200 | 99.9 | 200 | 2.41 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/26/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *78.0 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *79.9 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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## Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

| | | | |
|---|---|---|---|
| Received: | 02/25/2026 | Sampling Date: | 02/25/2026 |
| Reported: | 02/26/2026 | Sampling Type: | Soil |
| Project Name: | RISER 121 (06.29.2025) | Sampling Condition: | Cool & Intact |
| Project Number: | 2783 | Sample Received By: | Tamara Oldaker |
| Project Location: | LEA CO NM | | |

### Sample ID: SW 34 (5'-13') (H261081-04)

**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 | 02/25/2026 | ND | 2.04 | 102 | 2.00 | 0.465 | |
| Toluene* | <0.050 | 0.050 | 02/25/2026 | ND | 1.92 | 96.2 | 2.00 | 2.28 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/25/2026 | ND | 1.97 | 98.4 | 2.00 | 3.08 | |
| Total Xylenes* | <0.150 | 0.150 | 02/25/2026 | ND | 5.67 | 94.4 | 6.00 | 3.23 | |
| Total BTEX | <0.300 | 0.300 | 02/25/2026 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *99.9 %* *70.4-141*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: AC

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **144** | 16.0 | 02/26/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 02/25/2026 | ND | 229 | 115 | 200 | 2.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/25/2026 | ND | 218 | 109 | 200 | 4.83 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/25/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *67.7 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *68.8 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

| | | | |
|---|---|---|---|
| Received: | 02/25/2026 | Sampling Date: | 02/25/2026 |
| Reported: | 02/26/2026 | Sampling Type: | Soil |
| Project Name: | RISER 121 (06.29.2025) | Sampling Condition: | Cool & Intact |
| Project Number: | 2783 | Sample Received By: | Tamara Oldaker |
| Project Location: | LEA CO NM | | |

### Sample ID: SW 35 (5'-13') (H261081-05)

**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 | 02/25/2026 | ND | 2.04 | 102 | 2.00 | 0.465 | |
| Toluene* | <0.050 | 0.050 | 02/25/2026 | ND | 1.92 | 96.2 | 2.00 | 2.28 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/25/2026 | ND | 1.97 | 98.4 | 2.00 | 3.08 | |
| Total Xylenes* | <0.150 | 0.150 | 02/25/2026 | ND | 5.67 | 94.4 | 6.00 | 3.23 | |
| Total BTEX | <0.300 | 0.300 | 02/25/2026 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *93.7 %* *70.4-141*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: AC

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **160** | 16.0 | 02/26/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 02/25/2026 | ND | 229 | 115 | 200 | 2.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/25/2026 | ND | 218 | 109 | 200 | 4.83 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/25/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *77.3 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *78.3 %* *39.9-141*

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CARDINAL Laboratories

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## Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

| | | | |
|---|---|---|---|
| Received: | 02/25/2026 | Sampling Date: | 02/25/2026 |
| Reported: | 02/26/2026 | Sampling Type: | Soil |
| Project Name: | RISER 121 (06.29.2025) | Sampling Condition: | Cool & Intact |
| Project Number: | 2783 | Sample Received By: | Tamara Oldaker |
| Project Location: | LEA CO NM | | |

### Sample ID: SW 36 (13') (H261081-06)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 02/25/2026 | ND | 2.04 | 102 | 2.00 | 0.465 | |
| Toluene* | <0.050 | 0.050 | 02/25/2026 | ND | 1.92 | 96.2 | 2.00 | 2.28 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/25/2026 | ND | 1.97 | 98.4 | 2.00 | 3.08 | |
| Total Xylenes* | <0.150 | 0.150 | 02/25/2026 | ND | 5.67 | 94.4 | 6.00 | 3.23 | |
| Total BTEX | <0.300 | 0.300 | 02/25/2026 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *99.9 %* *70.4-141*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: AC

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **80.0** | 16.0 | 02/26/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 02/25/2026 | ND | 229 | 115 | 200 | 2.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/25/2026 | ND | 218 | 109 | 200 | 4.83 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/25/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *70.8 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *71.0 %* *39.9-141*

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## Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

| | | | |
|---|---|---|---|
| Received: | 02/25/2026 | Sampling Date: | 02/25/2026 |
| Reported: | 02/26/2026 | Sampling Type: | Soil |
| Project Name: | RISER 121 (06.29.2025) | Sampling Condition: | Cool & Intact |
| Project Number: | 2783 | Sample Received By: | Tamara Oldaker |
| Project Location: | LEA CO NM | | |

### Sample ID: SW 37 (13') (H261081-07)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 02/25/2026 | ND | 2.04 | 102 | 2.00 | 0.465 | |
| Toluene* | <0.050 | 0.050 | 02/25/2026 | ND | 1.92 | 96.2 | 2.00 | 2.28 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/25/2026 | ND | 1.97 | 98.4 | 2.00 | 3.08 | |
| Total Xylenes* | <0.150 | 0.150 | 02/25/2026 | ND | 5.67 | 94.4 | 6.00 | 3.23 | |
| Total BTEX | <0.300 | 0.300 | 02/25/2026 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *102 %* *70.4-141*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: AC

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **80.0** | 16.0 | 02/26/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 02/25/2026 | ND | 229 | 115 | 200 | 2.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/25/2026 | ND | 218 | 109 | 200 | 4.83 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/25/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *80.7 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *82.6 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

| | | | |
|---|---|---|---|
| Received: | 02/25/2026 | Sampling Date: | 02/25/2026 |
| Reported: | 02/26/2026 | Sampling Type: | Soil |
| Project Name: | RISER 121 (06.29.2025) | Sampling Condition: | Cool & Intact |
| Project Number: | 2783 | Sample Received By: | Tamara Oldaker |
| Project Location: | LEA CO NM | | |

### Sample ID: SW 38 (13') (H261081-08)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 02/25/2026 | ND | 2.04 | 102 | 2.00 | 0.465 | |
| Toluene* | <0.050 | 0.050 | 02/25/2026 | ND | 1.92 | 96.2 | 2.00 | 2.28 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/25/2026 | ND | 1.97 | 98.4 | 2.00 | 3.08 | |
| Total Xylenes* | <0.150 | 0.150 | 02/25/2026 | ND | 5.67 | 94.4 | 6.00 | 3.23 | |
| Total BTEX | <0.300 | 0.300 | 02/25/2026 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *97.9 %* *70.4-141*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: AC

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **160** | 16.0 | 02/26/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 02/25/2026 | ND | 229 | 115 | 200 | 2.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/25/2026 | ND | 218 | 109 | 200 | 4.83 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/25/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *80.4 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *81.9 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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: | 02/25/2026 | Sampling Date: | 02/25/2026 |
| Reported: | 02/26/2026 | Sampling Type: | Soil |
| Project Name: | RISER 121 (06.29.2025) | Sampling Condition: | Cool & Intact |
| Project Number: | 2783 | Sample Received By: | Tamara Oldaker |
| Project Location: | LEA CO NM | | |

### Sample ID: SW 39 (13') (H261081-09)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 02/25/2026 | ND | 2.04 | 102 | 2.00 | 0.465 | |
| Toluene* | <0.050 | 0.050 | 02/25/2026 | ND | 1.92 | 96.2 | 2.00 | 2.28 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/25/2026 | ND | 1.97 | 98.4 | 2.00 | 3.08 | |
| Total Xylenes* | <0.150 | 0.150 | 02/25/2026 | ND | 5.67 | 94.4 | 6.00 | 3.23 | |
| Total BTEX | <0.300 | 0.300 | 02/25/2026 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *97.9 %* *70.4-141*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: AC

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **48.0** | 16.0 | 02/26/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 02/25/2026 | ND | 229 | 115 | 200 | 2.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/25/2026 | ND | 218 | 109 | 200 | 4.83 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/25/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *77.1 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *79.3 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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: | 02/25/2026 | Sampling Date: | 02/25/2026 |
| Reported: | 02/26/2026 | Sampling Type: | Soil |
| Project Name: | RISER 121 (06.29.2025) | Sampling Condition: | Cool & Intact |
| Project Number: | 2783 | Sample Received By: | Tamara Oldaker |
| Project Location: | LEA CO NM | | |

### Sample ID: SW 40 (13') (H261081-10)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 02/25/2026 | ND | 2.04 | 102 | 2.00 | 0.465 | |
| Toluene* | <0.050 | 0.050 | 02/25/2026 | ND | 1.92 | 96.2 | 2.00 | 2.28 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/25/2026 | ND | 1.97 | 98.4 | 2.00 | 3.08 | |
| Total Xylenes* | <0.150 | 0.150 | 02/25/2026 | ND | 5.67 | 94.4 | 6.00 | 3.23 | |
| Total BTEX | <0.300 | 0.300 | 02/25/2026 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *97.1 %* *70.4-141*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: AC

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **48.0** | 16.0 | 02/26/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 02/25/2026 | ND | 229 | 115 | 200 | 2.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/25/2026 | ND | 218 | 109 | 200 | 4.83 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/25/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *79.0 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *80.3 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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## Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

| | | | |
|---|---|---|---|
| Received: | 02/25/2026 | Sampling Date: | 02/25/2026 |
| Reported: | 02/26/2026 | Sampling Type: | Soil |
| Project Name: | RISER 121 (06.29.2025) | Sampling Condition: | Cool & Intact |
| Project Number: | 2783 | Sample Received By: | Tamara Oldaker |
| Project Location: | LEA CO NM | | |

### Sample ID: SW 41 (13') (H261081-11)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 02/25/2026 | ND | 2.04 | 102 | 2.00 | 0.465 | |
| Toluene* | <0.050 | 0.050 | 02/25/2026 | ND | 1.92 | 96.2 | 2.00 | 2.28 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/25/2026 | ND | 1.97 | 98.4 | 2.00 | 3.08 | |
| Total Xylenes* | <0.150 | 0.150 | 02/25/2026 | ND | 5.67 | 94.4 | 6.00 | 3.23 | |
| Total BTEX | <0.300 | 0.300 | 02/25/2026 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *93.7 %* *70.4-141*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: AC

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **160** | 16.0 | 02/26/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 02/25/2026 | ND | 229 | 115 | 200 | 2.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/25/2026 | ND | 218 | 109 | 200 | 4.83 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/25/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *75.0 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *76.7 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

| | | | |
|---|---|---|---|
| Received: | 02/25/2026 | Sampling Date: | 02/25/2026 |
| Reported: | 02/26/2026 | Sampling Type: | Soil |
| Project Name: | RISER 121 (06.29.2025) | Sampling Condition: | Cool & Intact |
| Project Number: | 2783 | Sample Received By: | Tamara Oldaker |
| Project Location: | LEA CO NM | | |

### Sample ID: SW 42 (13') (H261081-12)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 02/25/2026 | ND | 2.04 | 102 | 2.00 | 0.465 | |
| Toluene* | <0.050 | 0.050 | 02/25/2026 | ND | 1.92 | 96.2 | 2.00 | 2.28 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/25/2026 | ND | 1.97 | 98.4 | 2.00 | 3.08 | |
| Total Xylenes* | <0.150 | 0.150 | 02/25/2026 | ND | 5.67 | 94.4 | 6.00 | 3.23 | |
| Total BTEX | <0.300 | 0.300 | 02/25/2026 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *95.5 %* *70.4-141*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: AC

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **176** | 16.0 | 02/26/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 02/25/2026 | ND | 229 | 115 | 200 | 2.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/25/2026 | ND | 218 | 109 | 200 | 4.83 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/25/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *69.5 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *70.5 %* *39.9-141*

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CARDINAL Laboratories

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## Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

| | | | |
|---|---|---|---|
| Received: | 02/25/2026 | Sampling Date: | 02/25/2026 |
| Reported: | 02/26/2026 | Sampling Type: | Soil |
| Project Name: | RISER 121 (06.29.2025) | Sampling Condition: | Cool & Intact |
| Project Number: | 2783 | Sample Received By: | Tamara Oldaker |
| Project Location: | LEA CO NM | | |

### Sample ID: SW 43 (5') (H261081-13)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 02/25/2026 | ND | 2.04 | 102 | 2.00 | 0.465 | |
| Toluene* | <0.050 | 0.050 | 02/25/2026 | ND | 1.92 | 96.2 | 2.00 | 2.28 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/25/2026 | ND | 1.97 | 98.4 | 2.00 | 3.08 | |
| Total Xylenes* | <0.150 | 0.150 | 02/25/2026 | ND | 5.67 | 94.4 | 6.00 | 3.23 | |
| Total BTEX | <0.300 | 0.300 | 02/25/2026 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *105 %* *70.4-141*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: AC

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **32.0** | 16.0 | 02/26/2026 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: JF

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 02/25/2026 | ND | 229 | 115 | 200 | 2.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/25/2026 | ND | 218 | 109 | 200 | 4.83 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/25/2026 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *77.4 %* *52.4-130*

*Surrogate: 1-Chlorooctadecane* *80.9 %* *39.9-141*

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## Notes and Definitions

| | |
|---|---|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C |
| | Samples reported on an as received basis (wet) unless otherwise noted on report |

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Page 588 of 606

# Chain of Custody

Work Order No: H260187



Page 1 of 2

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | |
| Project Number: | 2783 | ☐ Routine | ☑ Rush |
| Project Location | Lea County, New Mexico | Due Date: | 24 HR |
| Sampler's Name: | JDC | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes No | Wet Ice: | Yes No |
| Received Intact: | Yes No | Thermometer ID: | #140 |
| Cooler Custody Seals: | Yes No N/A | Correction Factor: | +0.1°C |
| Sample Custody Seals: | Yes No N/A | Temperature Reading: | 5.3°C |
| Total Containers: | | Corrected Temperature: | 5.4°C |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2S0_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| | Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 4500 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SW-31 (13'-15') | 2/25/2026 | | X | | C | 1 | | X | X | X | | |
| 2 | SW-32 (5'-13') | 2/25/2026 | | X | | C | 1 | | X | X | X | | |
| 3 | SW-33 (5'-13') | 2/25/2026 | | X | | C | 1 | | X | X | X | | |
| 4 | SW-34 (5'-13') | 2/25/2026 | | X | | C | 1 | | X | X | X | | |
| 5 | SW-35 (5'-13') | 2/25/2026 | | X | | C | 1 | | X | X | X | | |
| 6 | SW-36 (13') | 2/25/2026 | | X | | C | 1 | | X | X | X | | |
| 7 | SW-37 (13') | 2/25/2026 | | X | | C | 1 | | X | X | X | | |
| 8 | SW-38 (13') | 2/25/2026 | | X | | C | 1 | | X | X | X | | |
| 9 | SW-39 (13') | 2/25/2026 | | X | | C | 1 | | X | X | X | | |
| 10 | SW-40 (13') | 2/25/2026 | | X | | C | 1 | | X | X | X | | |

Comments:

NO LABELS

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 2-25-26 1552 | | |

Received by OCD: 4/9/2026 10:32:47 AM

Released to Imaging: 4/30/2026 3:42:59 PM

Page 589 of 606

# Chain of Custody

Work Order No: H261087



Page 2 of

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06 29.2025) | Turn Around | ☐ Routine ☑ Rush |
| Project Number: | 2783 | Due Date: | 24 HR |
| Project Location | Lea County, New Mexico | | |
| Sampler's Name: | JDC | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes No | Wet Ice: | Yes No |
| Received Intact: | Yes No | Thermometer ID: | #140 |
| Cooler Custody Seals: | Yes No N/A | Correction Factor: | +0.1°C |
| Sample Custody Seals: | Yes No N/A | Temperature Reading: | 5.3°C |
| Total Containers: | | Corrected Temperature: | 5.4°C |

**ANALYSIS REQUEST**

| | Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 4500 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | SW-41 (13') | 2/25/2026 | | X | | C | 1 | | X | X | X | | |
| 12 | SW-42 (13') | 2/25/2026 | | X | | C | 1 | | X | X | X | | |
| 13 | SW-43 (5') | 2/25/2026 | | X | | C | 1 | | X | X | X | | |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2S0_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Comments:

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 2-25-26 1552 | | |

Received by OCD: 4/9/2026 10:32:47 AM

Released to Imaging: 4/30/2026 3:42:59 PM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 26, 2026

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: RISER 121 (06.29.2025)

Enclosed are the results of analyses for samples received by the laboratory on 02/25/26 16:41.

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 accreditated through the State of Colorado Department of Public Health and Environment for:

| | |
|---|---|
| Method EPA 552.2 | Total Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

| | |
|---|---|
| Method SM 9223-B | Total Coliform and E. coli (Colilert MMO-MUG) |
| Method EPA 524.2 | Regulated VOCs and Total Trihalomethanes (TTHM) |
| Method EPA 552.2 | Total Haloacetic Acids (HAA-5) |

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

## *Analytical Results For:*

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 14:59 |

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|---|---|---|---|---|
| BACKFILL SAMPLE | H261090-01 | Soil | 25-Feb-26 00:00 | 25-Feb-26 16:41 |

**CASE NARRATIVE:**

No lot numbers on containers for traceability.

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 14:59 |

### BACKFILL SAMPLE

**H261090-01 (Soil)**

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cardinal Laboratories** | | | | | | | | | | |
| **Inorganic Compounds** | | | | | | | | | | |
| Chloride | <16.0 | | 16.0 | mg/kg | 4 | 6022603 | AC | 26-Feb-26 | 4500-Cl-B | |
| **Volatile Organic Compounds by EPA Method 8021** | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022531 | JH | 26-Feb-26 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6022531 | JH | 26-Feb-26 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6022531 | JH | 26-Feb-26 | 8021B | QR-03 |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6022531 | JH | 26-Feb-26 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6022531 | JH | 26-Feb-26 | 8021B | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | | | *95.1 %* | *70.4-141* | | *6022531* | JH | *26-Feb-26* | *8021B* | |
| **Petroleum Hydrocarbons by GC FID** | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 6022529 | JF | 26-Feb-26 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 6022529 | JF | 26-Feb-26 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 6022529 | JF | 26-Feb-26 | 8015B | |
| *Surrogate: 1-Chlorooctane* | | | *89.7 %* | *52.4-130* | | *6022529* | JF | *26-Feb-26* | *8015B* | |
| *Surrogate: 1-Chlorooctadecane* | | | *97.5 %* | *39.9-141* | | *6022529* | JF | *26-Feb-26* | *8015B* | |

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 14:59 |

### Inorganic Compounds - Quality Control

### Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 6022603 - 1:4 DI Water** | | | | | | | | | | |
| **Blank (6022603-BLK1)** | | | | Prepared & Analyzed: 26-Feb-26 | | | | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | | |
| **LCS (6022603-BS1)** | | | | Prepared & Analyzed: 26-Feb-26 | | | | | | |
| Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | | | |
| **LCS Dup (6022603-BSD1)** | | | | Prepared & Analyzed: 26-Feb-26 | | | | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | 3.77 | 20 | |

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 14:59 |

### Volatile Organic Compounds by EPA Method 8021 - Quality Control

### Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 6022531 - Volatiles** | | | | | | | | | | |
| **Blank (6022531-BLK1)** | | | | Prepared: 25-Feb-26 Analyzed: 26-Feb-26 | | | | | | |
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | *0.0952* | | mg/kg | *0.100* | | *95.2* | *70.4-141* | | | |
| **LCS (6022531-BS1)** | | | | Prepared: 25-Feb-26 Analyzed: 26-Feb-26 | | | | | | |
| Benzene | 2.01 | 0.050 | mg/kg | 2.00 | | 100 | 71-111 | | | |
| Toluene | 1.96 | 0.050 | mg/kg | 2.00 | | 98.2 | 75-116 | | | |
| Ethylbenzene | 2.08 | 0.050 | mg/kg | 2.00 | | 104 | 74.2-119 | | | |
| m,p-Xylene | 3.93 | 0.100 | mg/kg | 4.00 | | 98.2 | 72.5-123 | | | |
| o-Xylene | 2.03 | 0.050 | mg/kg | 2.00 | | 101 | 70.5-124 | | | |
| Total Xylenes | 5.96 | 0.150 | mg/kg | 6.00 | | 99.3 | 72.2-123 | | | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | *0.100* | | mg/kg | *0.100* | | *100* | *70.4-141* | | | |
| **LCS Dup (6022531-BSD1)** | | | | Prepared: 25-Feb-26 Analyzed: 26-Feb-26 | | | | | | |
| Benzene | 2.10 | 0.050 | mg/kg | 2.00 | | 105 | 71-111 | 4.67 | 17.6 | |
| Toluene | 2.09 | 0.050 | mg/kg | 2.00 | | 104 | 75-116 | 6.12 | 14.8 | |
| Ethylbenzene | 2.14 | 0.050 | mg/kg | 2.00 | | 107 | 74.2-119 | 2.75 | 14.2 | |
| m,p-Xylene | 4.07 | 0.100 | mg/kg | 4.00 | | 102 | 72.5-123 | 3.59 | 13.6 | |
| o-Xylene | 2.09 | 0.050 | mg/kg | 2.00 | | 104 | 70.5-124 | 3.02 | 13.7 | |
| Total Xylenes | 6.16 | 0.150 | mg/kg | 6.00 | | 103 | 72.2-123 | 3.40 | 13.3 | |
| *Surrogate: 4-Bromofluorobenzene (PID)* | *0.104* | | mg/kg | *0.100* | | *104* | *70.4-141* | | | |

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## Analytical Results For:

| | | |
|---|---|---|
| CARMONA RESOURCES<br>310 W WALL ST, SUITE 500<br>MIDLAND TX, 79701 | Project: RISER 121 (06.29.2025)<br>Project Number: 2783<br>Project Manager: ASHTON THIELKE<br>Fax To: | Reported:<br>26-Feb-26 14:59 |

### Petroleum Hydrocarbons by GC FID - Quality Control

### Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 6022529 - General Prep - Organics** | | | | | | | | | | |
| **Blank (6022529-BLK1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| *Surrogate: 1-Chlorooctane* | *46.0* | | mg/kg | *50.0* | | *92.0* | *52.4-130* | | | |
| *Surrogate: 1-Chlorooctadecane* | *48.3* | | mg/kg | *50.0* | | *96.6* | *39.9-141* | | | |
| **LCS (6022529-BS1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| GRO C6-C10 | 224 | 10.0 | mg/kg | 200 | | 112 | 78.7-123 | | | |
| DRO >C10-C28 | 222 | 10.0 | mg/kg | 200 | | 111 | 74.8-123 | | | |
| Total TPH C6-C28 | 447 | 10.0 | mg/kg | 400 | | 112 | 78.6-121 | | | |
| *Surrogate: 1-Chlorooctane* | *51.8* | | mg/kg | *50.0* | | *104* | *52.4-130* | | | |
| *Surrogate: 1-Chlorooctadecane* | *54.6* | | mg/kg | *50.0* | | *109* | *39.9-141* | | | |
| **LCS Dup (6022529-BSD1)** | | | | Prepared & Analyzed: 25-Feb-26 | | | | | | |
| GRO C6-C10 | 223 | 10.0 | mg/kg | 200 | | 111 | 78.7-123 | 0.695 | 11.3 | |
| DRO >C10-C28 | 210 | 10.0 | mg/kg | 200 | | 105 | 74.8-123 | 5.78 | 10.9 | |
| Total TPH C6-C28 | 433 | 10.0 | mg/kg | 400 | | 108 | 78.6-121 | 3.19 | 10.5 | |
| *Surrogate: 1-Chlorooctane* | *50.2* | | mg/kg | *50.0* | | *100* | *52.4-130* | | | |
| *Surrogate: 1-Chlorooctadecane* | *50.0* | | mg/kg | *50.0* | | *99.9* | *39.9-141* | | | |

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## Notes and Definitions

| | |
|---|---|
| QR-03 | The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C |
| | Samples reported on an as received basis (wet) unless otherwise noted on report |

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Page 597 of 606

# Chain of Custody

Work Order No: H261090



Page 1 of 1

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 W Wall St Ste 500 | Address: | |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | |
| Phone: | 432-813-8988 | Email: | ThielkeA@Carmonaresources.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Riser 121 (06.29.2025) | Turn Around | ☐ Routine ☑ Rush |
| Project Number: | 2783 | Due Date: | 24 HR |
| Project Location | Lea County, New Mexico | | |
| Sampler's Name: | JDC | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes No | Wet Ice: | Yes No |
| Received Intact: | Yes No | Thermometer ID: | 140 |
| Cooler Custody Seals: | Yes No N/A | Correction Factor: | +0.1° |
| Sample Custody Seals: | Yes No N/A | Temperature Reading: | 4.5° |
| Total Containers: | | Corrected Temperature: | 4.6° |

**ANALYSIS REQUEST**

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2S0_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 4500 | Hold | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Backfill Sample | 2/25/2026 | | X | | C | 1 | | X | X | X | | 1 |

Comments:

NO label

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
|---|---|---|---|
| | 2-25-26 1611 | | |

Received by OCD: 4/9/2026 10:32:47 AM

Released to Imaging: 4/30/2026 3:42:59 PM

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

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>573339 |
| | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**QUESTIONS**

| **Prerequisites** | |
|---|---|
| Incident ID (n#) | **nAPP2518066673** |
| Incident Name | **NAPP2518066673 RISER 121 @ A-27-21S-34E** |
| Incident Type | **Produced Water Release** |
| Incident Status | **Reclamation Report Received** |

| **Location of Release Source** | |
|---|---|
| *Please answer all the questions in this group.* | |
| Site Name | Riser 121 |
| Date Release Discovered | 06/29/2025 |
| Surface Owner | State |

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

| **Nature and Volume of Release** | |
|---|---|
| *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.* | |
| Crude Oil Released (bbls) Details | *Not answered.* |
| Produced Water Released (bbls) Details | Cause: Equipment Failure \| Other (Specify) \| Produced Water \| Released: 25 BBL \| Recovered: 25 BBL \| Lost: 0 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | Yes |
| Condensate Released (bbls) Details | *Not answered.* |
| Natural Gas Vented (Mcf) Details | *Not answered.* |
| Natural Gas Flared (Mcf) Details | *Not answered.* |
| Other Released Details | *Not answered.* |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | *Not answered.* |

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



## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>573339 |
| | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**QUESTIONS**

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

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

| **Initial Response** | |
|---|---|
| *The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.* | |
| The source of the release has been stopped | True |
| The impacted area has been secured to protect human health and the environment | True |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True |
| All free liquids and recoverable materials have been removed and managed appropriately | True |
| If all the actions described above have not been undertaken, explain why | Soil will be excavated in the next couple of weeks |

*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: Cassie Whitefield<br>Email: cassie.whitefield@deleklogistics.com<br>Date: 04/09/2026 |

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

General Information
Phone: (505) 629-6116

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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 (continued)

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>573339 |
| | Action Type:<br>[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 51 and 75 (ft.) |
| What method was used to determine the depth to ground water | U.S. Geological Survey |
| Did this release impact groundwater or surface water | No |
| **What is the minimum distance, between the closest lateral extents of the release and the following surface areas:** | |
| A continuously flowing watercourse or any other significant watercourse | Between 1000 (ft.) and ½ (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between 1000 (ft.) and ½ (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Between 1 and 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between 1 and 5 (mi.) |
| Any other fresh water well or spring | Between ½ and 1 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Between 1000 (ft.) and ½ (mi.) |
| A subsurface mine | Greater than 5 (mi.) |
| An (non-karst) unstable area | Greater than 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | Low |
| A 100-year floodplain | Between 1000 (ft.) and ½ (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 |
| *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.* | |
| 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) | 11100 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 0 |
| GRO+DRO (EPA SW-846 Method 8015M) | 0 |
| BTEX (EPA SW-846 Method 8021B or 8260B) | 0 |
| Benzene (EPA SW-846 Method 8021B or 8260B) | 0 |
| | |
| *Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.* | |
| On what estimated date will the remediation commence | 02/17/2026 |
| On what date will (or did) the final sampling or liner inspection occur | 02/25/2026 |
| On what date will (or was) the remediation complete(d) | 04/06/2026 |
| What is the estimated surface area (in square feet) that will be reclaimed | 13364 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 4843 |
| What is the estimated surface area (in square feet) that will be remediated | 13364 |
| What is the estimated volume (in cubic yards) that will be remediated | 4843 |
| *These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.* | |
| *The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.* | |

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



## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>573339 |
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**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 | *Not answered.* |
| **OR** is the **off-site** disposal site, to be used, an NMED facility | *Not answered.* |
| (Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms) | *Not answered.* |
| (In Situ) Soil Vapor Extraction | *Not answered.* |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | *Not answered.* |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | *Not answered.* |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | *Not answered.* |
| Ground Water Abatement pursuant to 19.15.30 NMAC | *Not answered.* |
| OTHER (Non-listed remedial process) | *Not answered.* |
| *Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.* | |
| | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. | |
| I hereby agree and sign off to the above statement | Name: Cassie Whitefield<br>Email: cassie.whitefield@deleklogistics.com<br>Date: 04/09/2026 |
| *The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.* | |

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## QUESTIONS (continued)

| | |
|---|---|
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**QUESTIONS**

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

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## QUESTIONS (continued)

| | |
|---|---|
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| | Action Number:<br>573339 |
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**QUESTIONS**

| **Sampling Event Information** | |
|---|---|
| Last sampling notification (C-141N) recorded | **555126** |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | **02/27/2026** |
| What was the (estimated) number of samples that were to be gathered | **120** |
| What was the sampling surface area in square feet | **19000** |

| **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 | 13364 |
| What was the total volume (cubic yards) remediated | 4843 |
| 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 | 13364 |
| What was the total volume (in cubic yards) reclaimed | 4843 |
| Summarize any additional remediation activities not included by answers (above) | Remediation completed based off of results of the site assessment onsite. Entire impacted area excavated and disposed of. Backfilled with local topsoil (tested). Once seed mix order was received, reseeded the entire area. |

*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: Cassie Whitefield<br>Email: cassie.whitefield@deleklogistics.com<br>Date: 04/09/2026 |

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## QUESTIONS (continued)

| | |
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**QUESTIONS**

| **Reclamation Report** | |
|---|---|
| *Only answer the questions in this group if all reclamation steps have been completed.* | |
| Requesting a reclamation approval with this submission | Yes |
| What was the total reclamation surface area (in square feet) for this site | 13364 |
| What was the total volume of replacement material (in cubic yards) for this site | 4843 |
| *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.* | |
| Is the soil top layer complete and is it suitable material to establish vegetation | Yes |
| On what (estimated) date will (or was) the reseeding commence(d) | 04/06/2026 |
| Summarize any additional reclamation activities not included by answers (above) | As you can see in the photolog, topsoil ranges from 2' to 6' in depth throughout the site. The entire area was backfilled with like topsoil. Once seed mix arrived, the site was furrowed and entire area reseeded. |
| *The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.* | |
| | |
| I 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: Cassie Whitefield<br>Email: cassie.whitefield@deleklogistics.com<br>Date: 04/09/2026 |

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## QUESTIONS (continued)

| | |
|---|---|
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**QUESTIONS**

| **Revegetation Report** | |
|---|---|
| *Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.* | |
| Requesting a restoration complete approval with this submission | No |
| *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.* | |

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## CONDITIONS

| | |
|---|---|
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**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| scwells | None | 4/30/2026 |