CARMONA RESOURCES

# SITE INFORMATION

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**Closure Report**
**Berry 2 (02.16.2026)**
**Incident # nAPP2604748844**
**Lea County, New Mexico**
**Unit A, Sec 22, T20S, R34E**
**32.563887°, -103.540827°**

**Produced Water Release**
**Point of Release: Flex Hose Came Apart at the Coupling**
**Release Date: 02.16.2026**
**Volume Released: 102 Barrels of Produced Water**
**Volume Recovered: 40 Barrels of Produced Water**

CARMONA RESOURCES

**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**

CARMONA RESOURCES

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CARMONA RESOURCES

April 2, 2026

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

**Re: Closure Report**
**Berry 2 (02.16.2026)**
**Delek Logistics Company**
**Incident # nAPP2604748844**
**Site Location: Unit A, Sec 22, T20S, R34E**
**(Lat 32.563887°, Long -103.540827°)**
**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 remediation activities at the Berry 2 release. The site is located at 32.563887°, -103.540827° within Unit A, Sec 22, T20S, 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 February 16, 2025, due to a flex hose coming apart at the coupling. It resulted in the release of one hundred two (102) barrels of produced water, with forty (40) 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 two known water sources within a 0.50-mile radius of the location. The nearest decommissioned water well is located approximately 0.06 miles West of the site in S22, T20S, R34E. On March 12, 2026, the well was gauged with a reported depth to groundwater of 129 feet below the ground surface (ft bgs). A copy of the email correspondence with the NMOCD, and the associated Photolog from the gauging event, are attached in Appendix D. The nearest riverine and playa is greater than 1.0 mile from the site.

## 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: 1,000 mg/kg (GRO + DRO).
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- Chloride: 20,000 mg/kg.

## 4.0 Remediation Activities

Beginning on March 16, 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 March 10, 2026, and March 19, 2026, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The spill area was excavated to depths ranging from 0.5 to 4.5 ft bgs. A total of one hundred forty-nine (149) confirmation floor samples (CS-1 through CS-149) were collected every 400 square feet in accordance with the NMOCD, and forty-one (41) sidewall samples

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CARMONA RESOURCES

(SW- 1 through SW-41) were collected every 200 square feet to ensure the proper removal of the contaminated soils. Additionally, eleven (11) horizontal samples (H-1 through H-11) were collected to horizontally define the area directly outside of the scraped area on the Delek pad. These samples were collected in place of composite confirmation sidewalls as the excavation on the Delek pad was less than 1.0' bgs and did not have sidewalls to collect samples from. The area was scraped to a depth of 0.5' bgs. 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 4C.

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 March 19, 2026, before being utilized. The backfill material was sourced from the Danny Berry Red Pit, located at 32.546946°, -103.558499°. Refer to Table 1. Approximately 58,081 square feet of contamination was remediated, resulting in approximately 4,652 cubic yards of material being excavated and transported off-site for proper disposal.

## 5.0 Conclusions

Based on the 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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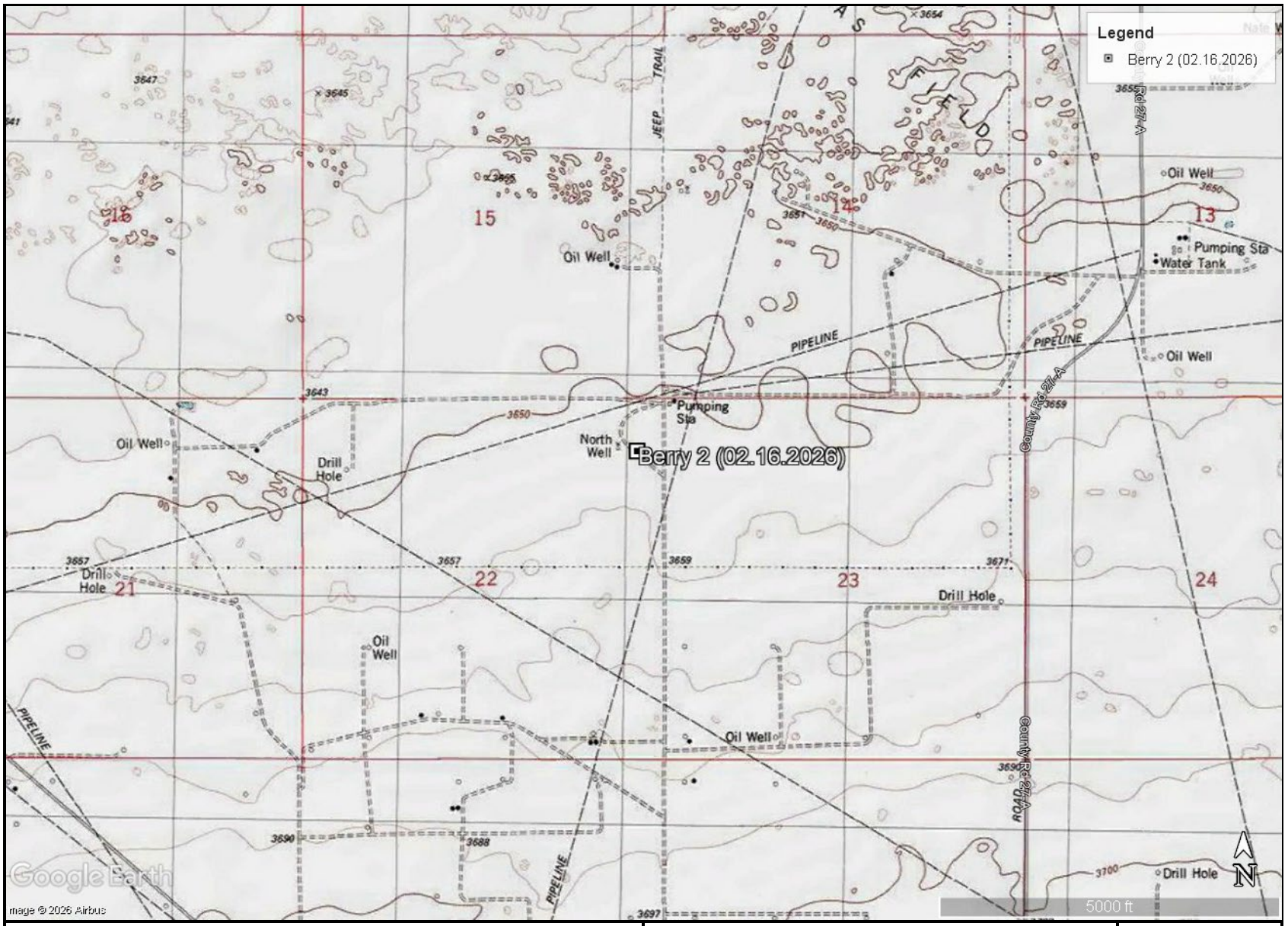
# FIGURES

CARMONA RESOURCES

| | | |
|---|---|---|
| OVERVIEW MAP<br>DELEK LOGISTICS COMPANY<br>BERRY 2 (02.16.2026)<br>LEA COUNTY, NEW MEXICO<br>32.563887°, -103.540827° | CARMONA RESOURCES | FIGURE 1 |

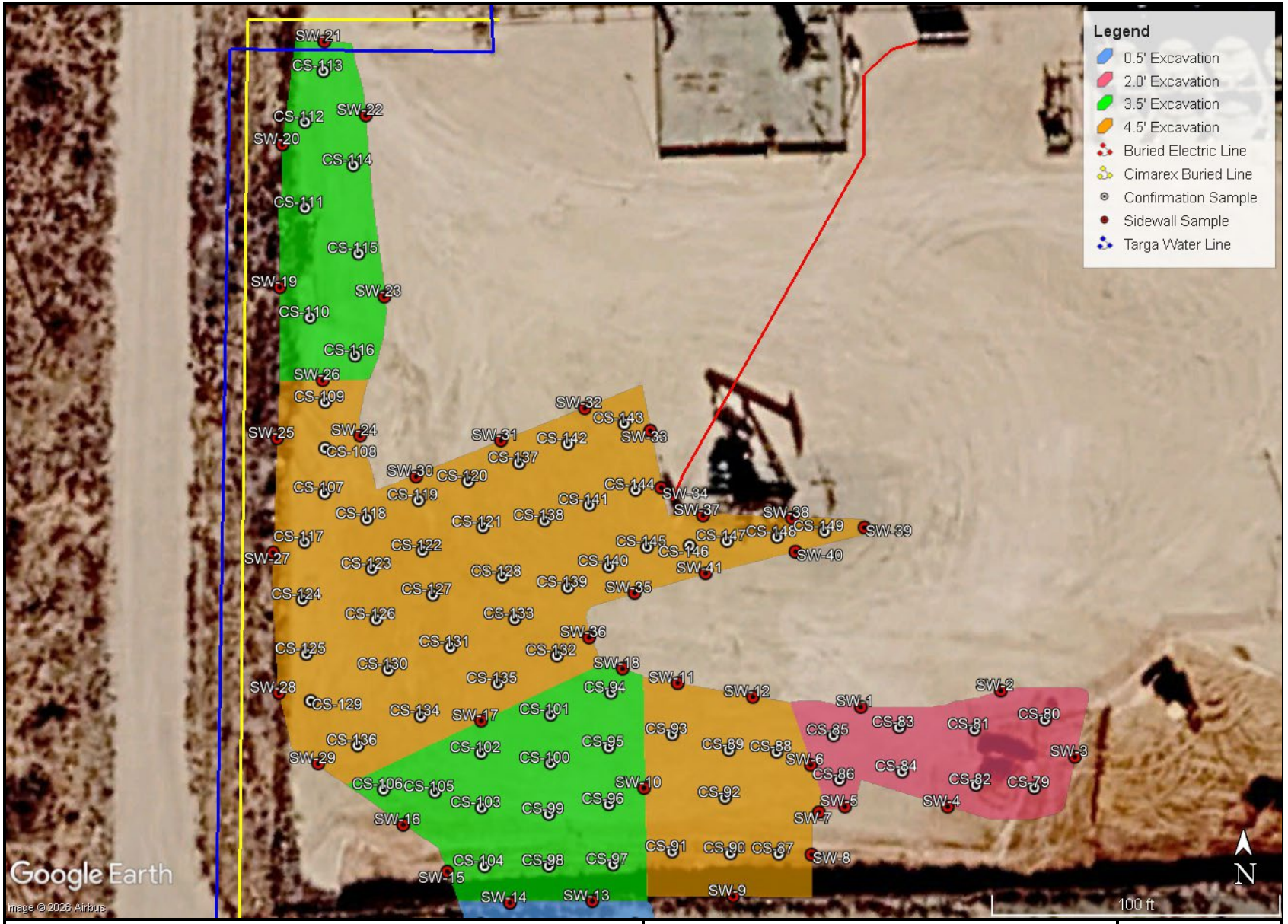



| | | |
|---|---|---|
| TOPOGRAPHIC MAP<br>DELEK LOGISTICS COMPANY<br>BERRY 2 (02.16.2026)<br>LEA COUNTY, NEW MEXICO<br>32.563887°, -103.540827° | CARMONA RESOURCES | FIGURE 2 |

| | | |
|---|---|---|
| SPILL OVERVIEW MAP<br>DELEK LOGISTICS COMPANY<br>BERRY 2 (02.16.2026)<br>LEA COUNTY, NEW MEXICO<br>32.563887°, -103.540827° | CARMONA RESOURCES | FIGURE 3 |

| | | |
|---|---|---|
| EXCAVATION DEPTH MAP<br>DELEK LOGISTICS COMPANY<br>BERRY 2 (02.16.2026)<br>LEA COUNTY, NEW MEXICO<br>32.563887°, -103.540827° | CARMONA RESOURCES | FIGURE 4A |

| | | |
|---|---|---|
| EXCAVATION DEPTH MAP<br>DELEK LOGISTICS COMPANY<br>BERRY 2 (02.16.2026)<br>LEA COUNTY, NEW MEXICO<br>32.563887°, -103.540827° | CARMONA RESOURCES | FIGURE 4B |




| | | |
|---|---|---|
| EXCAVATION DEPTH MAP<br>DELEK LOGISTICS COMPANY<br>BERRY 2 (02.16.2026)<br>LEA COUNTY, NEW MEXICO<br>32.563887°, -103.540827° | CARMONA RESOURCES | FIGURE 4C |

# APPENDIX A

CARMONA RESOURCES

**Table 1**
**Delek Logistics**
**Berry 2 (02.16.2026)**
**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** | 3/17/2026 | 0-0.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 175 |
| **H-2** | 3/17/2026 | 0-0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 288 |
| **H-3** | 3/17/2026 | 0-0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 281 |
| **H-4** | 3/17/2026 | 0-0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 180 |
| **H-5** | 3/17/2026 | 0-0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 269 |
| **H-6** | 3/17/2026 | 0-0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 279 |
| **H-7** | 3/17/2026 | 0-0.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 182 |
| **H-8** | 3/17/2026 | 0-0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 129 |
| **H-9** | 3/17/2026 | 0-0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 198 |
| **H-10** | 3/17/2026 | 0-0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 59.0 |
| **H-11** | 3/17/2026 | 0-0.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 54.5 |
| ***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 1**
**Delek Logistics**
**Berry 2 (02.16.2026)**
**Lea County, New Mexico**

| Sample ID | Date | Depth (ft) | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | GRO | DRO | MRO | Total | | | | | | |
| **CS-1** | 3/18/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 351 |
| **CS-2** | 3/18/2026 | 0.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 651 |
| **CS-3** | 3/18/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 1,370 |
| **CS-4** | 3/18/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 1,430 |
| **CS-5** | 3/18/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 243 |
| **CS-6** | 3/18/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 2,050 |
| **CS-7** | 3/18/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 563 |
| **CS-8** | 3/18/2026 | 0.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 618 |
| **CS-9** | 3/18/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 1,290 |
| **CS-10** | 3/18/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 2,720 |
| **CS-11** | 3/18/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 184 |
| **CS-12** | 3/18/2026 | 0.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 2,950 |
| **CS-13** | 3/18/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 1,370 |
| **CS-14** | 3/18/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 3,510 |
| **CS-15** | 3/18/2026 | 0.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 209 |
| **CS-16** | 3/18/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 1,100 |
| **CS-17** | 3/18/2026 | 0.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 244 |
| **CS-18** | 3/18/2026 | 0.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 250 |
| **CS-19** | 3/18/2026 | 0.5' | <50.2 | <50.2 | <50.2 | <50.2 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 3,350 |
| **CS-20** | 3/18/2026 | 0.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 393 |
| **CS-21** | 3/18/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 242 |
| **CS-22** | 3/18/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 635 |
| **CS-23** | 3/18/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 1,730 |
| **CS-24** | 3/18/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 4,170 |
| **CS-25** | 3/18/2026 | 0.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 4,790 |
| **CS-26** | 3/18/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 1,690 |
| **CS-27** | 3/18/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 234 |
| **CS-28** | 3/18/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 702 |
| **CS-29** | 3/18/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 491 |
| **CS-30** | 3/18/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 1,110 |
| ***Regulatory Criteria*** [A] | | | 1,000 mg/kg | | | 2,500 mg/kg | 10 mg/kg | | | | 50 mg/kg | 20,000 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 1**
**Delek Logistics**
**Berry 2 (02.16.2026)**
**Lea County, New Mexico**

| Sample ID | Date | Depth (ft) | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | GRO | DRO | MRO | Total | | | | | | |
| **CS-31** | 3/18/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 746 |
| **CS-32** | 3/18/2026 | 0.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 274 |
| **CS-33** | 3/18/2026 | 0.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 1,450 |
| **CS-34** | 3/18/2026 | 0.5' | <50.4 | <50.4 | <50.4 | <50.4 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 1,440 |
| **CS-35** | 3/18/2026 | 0.5' | <50.5 | <50.5 | <50.5 | <50.5 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 2,300 |
| **CS-36** | 3/18/2026 | 0.5' | <50.5 | <50.5 | <50.5 | <50.5 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 1,770 |
| **CS-37** | 3/18/2026 | 0.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 824 |
| **CS-38** | 3/18/2026 | 0.5' | <50.4 | <50.4 | <50.4 | <50.4 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 1,310 |
| **CS-39** | 3/18/2026 | 0.5' | <50.5 | <50.5 | <50.5 | <50.5 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 1,210 |
| **CS-40** | 3/18/2026 | 0.5' | <50.2 | <50.2 | <50.2 | <50.2 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 1,460 |
| **CS-41** | 3/18/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 1,100 |
| **CS-42** | 3/18/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 1,500 |
| **CS-43** | 3/18/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 746 |
| **CS-44** | 3/18/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 821 |
| **CS-45** | 3/18/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 1,750 |
| **CS-46** | 3/18/2026 | 0.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 722 |
| **CS-47** | 3/18/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 1,710 |
| **CS-48** | 3/18/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 1,490 |
| **CS-49** | 3/18/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 264 |
| **CS-50** | 3/18/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 724 |
| **CS-51** | 3/18/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 1,320 |
| **CS-52** | 3/18/2026 | 0.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 584 |
| **CS-53** | 3/18/2026 | 0.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 513 |
| **CS-54** | 3/18/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 293 |
| **CS-55** | 3/18/2026 | 0.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 275 |
| **CS-56** | 3/18/2026 | 0.5' | <50.4 | <50.4 | <50.4 | <50.4 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 518 |
| **CS-57** | 3/18/2026 | 0.5' | <50.5 | <50.5 | <50.5 | <50.5 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 515 |
| **CS-58** | 3/18/2026 | 0.5' | <50.2 | <50.2 | <50.2 | <50.2 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 77.4 |
| **CS-59** | 3/18/2026 | 0.5' | <50.3 | <50.3 | <50.3 | <50.3 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 79.7 |
| **CS-60** | 3/18/2026 | 0.5' | <50.3 | <50.3 | <50.3 | <50.3 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 43.2 |
| ***Regulatory Criteria*** [A] | | | 1,000 mg/kg | | | 2,500 mg/kg | 10 mg/kg | | | | 50 mg/kg | 20,000 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 1**
**Delek Logistics**
**Berry 2 (02.16.2026)**
**Lea County, New Mexico**

| Sample ID | Date | Depth (ft) | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | GRO | DRO | MRO | Total | | | | | | |
| **CS-61** | 3/18/2026 | 0.5' | <50.3 | <50.3 | <50.3 | <50.3 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 589 |
| **CS-62** | 3/18/2026 | 0.5' | <50.2 | <50.2 | <50.2 | <50.2 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 160 |
| **CS-63** | 3/18/2026 | 0.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 181 |
| **CS-64** | 3/18/2026 | 0.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 52.2 |
| **CS-65** | 3/18/2026 | 0.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 57.2 |
| **CS-66** | 3/18/2026 | 0.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 53.9 |
| **CS-67** | 3/18/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 53.9 |
| **CS-68** | 3/18/2026 | 0.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 57.7 |
| **CS-69** | 3/18/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 60.7 |
| **CS-70** | 3/18/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 81.9 |
| **CS-71** | 3/18/2026 | 0.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 71.1 |
| **CS-72** | 3/18/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | <10.0 |
| **CS-73** | 3/18/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | <9.96 |
| **CS-74** | 3/18/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 33.5 |
| **CS-75** | 3/18/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 53.4 |
| **CS-76** | 3/18/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 604 |
| **CS-77** | 3/18/2026 | 0.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 238 |
| **CS-78** | 3/18/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | <10.0 |
| **CS-79** | 3/19/2026 | 2.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 38.7 |
| **CS-80** | 3/19/2026 | 2.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | <9.90 |
| **CS-81** | 3/19/2026 | 2.0' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 11.0 |
| **CS-82** | 3/19/2026 | 2.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 10.5 |
| **CS-83** | 3/19/2026 | 2.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | <9.98 |
| **CS-84** | 3/19/2026 | 2.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 68.9 |
| **CS-85** | 3/19/2026 | 2.0' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 155 |
| **CS-86** | 3/19/2026 | 2.0' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 164 |
| **CS-87** | 3/19/2026 | 4.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 13.1 |
| **CS-88** | 3/19/2026 | 4.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 28.0 |
| **CS-89** | 3/19/2026 | 4.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 16.3 |
| **CS-90** | 3/19/2026 | 4.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 22.3 |
| ***Regulatory Criteria*** [A] | | | 1,000 mg/kg | | | 2,500 mg/kg | 10 mg/kg | | | | 50 mg/kg | 20,000 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 1**
**Delek Logistics**
**Berry 2 (02.16.2026)**
**Lea County, New Mexico**

| Sample ID | Date | Depth (ft) | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | GRO | DRO | MRO | Total | | | | | | |
| **CS-91** | 3/19/2026 | 4.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 41.4 |
| **CS-92** | 3/19/2026 | 4.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 39.8 |
| **CS-93** | 3/19/2026 | 4.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 80.8 |
| **CS-94** | 3/20/2026 | 3.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 268 |
| **CS-95** | 3/20/2026 | 3.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 179 |
| **CS-96** | 3/20/2026 | 3.5' | <50.3 | <50.3 | <50.3 | <50.3 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | 52.7 |
| **CS-97** | 3/20/2026 | 3.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | <9.98 |
| **CS-98** | 3/20/2026 | 3.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 37.1 |
| **CS-99** | 3/20/2026 | 3.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 49.5 |
| **CS-100** | 3/20/2026 | 3.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 29.3 |
| **CS-101** | 3/20/2026 | 3.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 103 |
| **CS-102** | 3/20/2026 | 3.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 12.5 |
| **CS-103** | 3/20/2026 | 3.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | 12.3 |
| **CS-104** | 3/20/2026 | 3.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 188 |
| **CS-105** | 3/20/2026 | 3.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 43.8 |
| **CS-106** | 3/20/2026 | 3.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | <10.0 |
| **CS-107** | 3/20/2026 | 3.5' | <50.2 | <50.2 | <50.2 | <50.2 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 103 |
| **CS-108** | 3/20/2026 | 3.5' | <50.2 | <50.2 | <50.2 | <50.2 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 16.7 |
| **CS-109** | 3/20/2026 | 3.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 52.6 |
| **CS-110** | 3/20/2026 | 3.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 60.7 |
| **CS-111** | 3/20/2026 | 3.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | 197 |
| **CS-112** | 3/20/2026 | 3.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 223 |
| **CS-113** | 3/20/2026 | 3.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 16.2 |
| **CS-114** | 3/20/2026 | 3.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | 223 |
| **CS-115** | 3/20/2026 | 3.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 168 |
| **CS-116** | 3/20/2026 | 3.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | <10.1 |
| **CS-117** | 3/23/2023 | 4.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 178 |
| **CS-118** | 3/23/2023 | 4.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 89.5 |
| **CS-119** | 3/23/2023 | 4.5' | <50.3 | <50.3 | <50.3 | <50.3 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 27.0 |
| **CS-120** | 3/23/2023 | 4.5' | <50.5 | <50.5 | <50.5 | <50.5 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 90.4 |
| ***Regulatory Criteria*** [A] | | | 1,000 mg/kg | | | 2,500 mg/kg | 10 mg/kg | | | | 50 mg/kg | 20,000 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 1**
**Delek Logistics**
**Berry 2 (02.16.2026)**
**Lea County, New Mexico**

| Sample ID | Date | Depth (ft) | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | GRO | DRO | MRO | Total | | | | | | |
| CS-121 | 3/23/2023 | 4.5' | <50.2 | <50.2 | <50.2 | <50.2 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | <9.96 |
| CS-122 | 3/23/2023 | 4.5' | <50.2 | <50.2 | <50.2 | <50.2 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 20.1 |
| CS-123 | 3/23/2023 | 4.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 25.1 |
| CS-124 | 3/23/2023 | 4.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 126 |
| CS-125 | 3/23/2023 | 4.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 69.7 |
| CS-126 | 3/23/2023 | 4.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 13.4 |
| CS-127 | 3/23/2023 | 4.5' | <50.3 | <50.3 | <50.3 | <50.3 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 57.2 |
| CS-128 | 3/23/2023 | 4.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 26.7 |
| CS-129 | 3/23/2023 | 4.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 154 |
| CS-130 | 3/23/2023 | 4.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 15.7 |
| CS-131 | 3/23/2023 | 4.5' | <49.5 | <49.5 | <49.5 | <49.5 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 24.6 |
| CS-132 | 3/23/2023 | 4.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 46.5 |
| CS-133 | 3/23/2023 | 4.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 129 |
| CS-134 | 3/23/2023 | 4.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 61.4 |
| CS-135 | 3/23/2023 | 4.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 265 |
| CS-136 | 3/23/2023 | 4.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 29.7 |
| CS-137 | 3/23/2023 | 4.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 14.3 |
| CS-138 | 3/23/2023 | 4.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 16.8 |
| CS-139 | 3/23/2023 | 4.5' | <50.3 | <50.3 | <50.3 | <50.3 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 97.9 |
| CS-140 | 3/23/2023 | 4.5' | <50.4 | <50.4 | <50.4 | <50.4 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | <9.94 |
| CS-141 | 3/23/2023 | 4.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | <9.92 |
| CS-142 | 3/23/2023 | 4.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 258 |
| CS-143 | 3/23/2023 | 4.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 15.3 |
| CS-144 | 3/23/2023 | 4.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 149 |
| CS-145 | 3/23/2023 | 4.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 24.6 |
| CS-146 | 3/24/2026 | 4.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 25.1 |
| CS-147 | 3/24/2026 | 4.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 350 |
| CS-148 | 3/24/2026 | 4.5' | <49.6 | <49.6 | <49.6 | <49.6 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 143 |
| CS-149 | 3/24/2026 | 4.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 258 |
| *Regulatory Criteria* [A] | | | 1,000 mg/kg | | | 2,500 mg/kg | 10 mg/kg | | | | 50 mg/kg | 20,000 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 1**
**Delek Logistics**
**Berry 2 (02.16.2026)**
**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** | 3/19/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | <10.0 |
| **SW-2** | 3/19/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | <10.0 |
| **SW-3** | 3/19/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | <10.1 |
| **SW-4** | 3/19/2026 | 0.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | <10.1 |
| **SW-5** | 3/19/2026 | 0.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | <10.0 |
| **SW-6** | 3/19/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 15.9 |
| **SW-7** | 3/19/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | <9.98 |
| **SW-8** | 3/19/2026 | 0.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | <9.90 |
| **SW-9** | 3/19/2026 | 0.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 43.8 |
| **SW-10** | 3/19/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 37.6 |
| **SW-11** | 3/19/2026 | 0.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 30.9 |
| **SW-12** | 3/19/2026 | 0.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 18.6 |
| **SW-13** | 3/20/2026 | 3.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 235 |
| **SW-14** | 3/20/2026 | 3.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | <9.98 |
| **SW-15** | 3/20/2026 | 3.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 36.4 |
| **SW-16** | 3/20/2026 | 3.5' | <50.0 | 75.4 | <50.0 | 75.4 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 164 |
| **SW-17** | 3/20/2026 | 3.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | <10.0 |
| **SW-18** | 3/20/2026 | 3.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 194 |
| **SW-19** | 3/20/2026 | 3.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 24.4 |
| **SW-20** | 3/20/2026 | 3.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | 31.9 |
| **SW-21** | 3/20/2026 | 3.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 20.0 |
| ***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) Swidewall Sample

**Table 1**
**Delek Logistics**
**Berry 2 (02.16.2026)**
**Lea County, New Mexico**

| Sample ID | Date | Depth (ft) | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | GRO | DRO | MRO | Total | | | | | | |
| **SW-22** | 3/20/2026 | 3.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 292 |
| **SW-23** | 3/20/2026 | 3.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 35.5 |
| **SW-24** | 3/20/2026 | 3.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 108 |
| **SW-25** | 3/20/2026 | 3.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 51.2 |
| **SW-26** | 3/20/2026 | 3.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 106 |
| **SW-27** | 3/23/2026 | 4.5' | <50.2 | <50.2 | <50.2 | <50.2 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 152 |
| **SW-28** | 3/23/2026 | 4.5' | <50.3 | <50.3 | <50.3 | <50.3 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 25.3 |
| **SW-29** | 3/23/2026 | 4.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 90.3 |
| **SW-30** | 3/23/2026 | 4.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 271 |
| **SW-31** | 3/23/2026 | 4.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 23.9 |
| **SW-32** | 3/23/2026 | 4.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 26.0 |
| **SW-33** | 3/23/2026 | 4.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 26.2 |
| **SW-34** | 3/23/2026 | 4.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 26.2 |
| **SW-35** | 3/23/2026 | 4.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 43.6 |
| **SW-36** | 3/23/2026 | 4.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | <10.1 |
| **SW-37** | 3/24/2026 | 4.5' | <50.2 | <50.2 | <50.2 | <50.2 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 131 |
| **SW-38** | 3/24/2026 | 4.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 41.8 |
| **SW-39** | 3/24/2026 | 4.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 294 |
| **SW-40** | 3/24/2026 | 4.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 44.6 |
| **SW-41** | 3/24/2026 | 4.5' | <50.1 | <50.1 | <50.1 | <50.1 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 152 |
| **Backfill** | 3/19/2026 | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 82.0 |
| ***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) Swidewall Sample

# APPENDIX B

CARMONA RESOURCES

# PHOTOGRAPHIC LOG

**Delek Logistics Company**

**Photograph No. 1**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View North, area of CS-1 through CS-78.

**Photograph No. 2**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View Southeast, area of CS-1 through CS-78.

**Photograph No. 3**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View East, area of CS-1 through CS-78.

# PHOTOGRAPHIC LOG

**Delek Logistics Company**

**Photograph No. 4**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View East, area of CS-1 through CS-78.

**Photograph No. 5**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View Northeast, area of CS-1 through CS-78.

**Photograph No. 6**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View East, area of CS-1 through CS-78.

# PHOTOGRAPHIC LOG

**Delek Logistics Company**

**Photograph No. 7**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View Southwest, area of CS-1 through CS-78.

**Photograph No. 8**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View South, area of CS-1 through CS-78.

**Photograph No. 9**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View South, area of CS-1 through CS-78.

# PHOTOGRAPHIC LOG

**Delek Logistics Company**

**Photograph No. 10**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

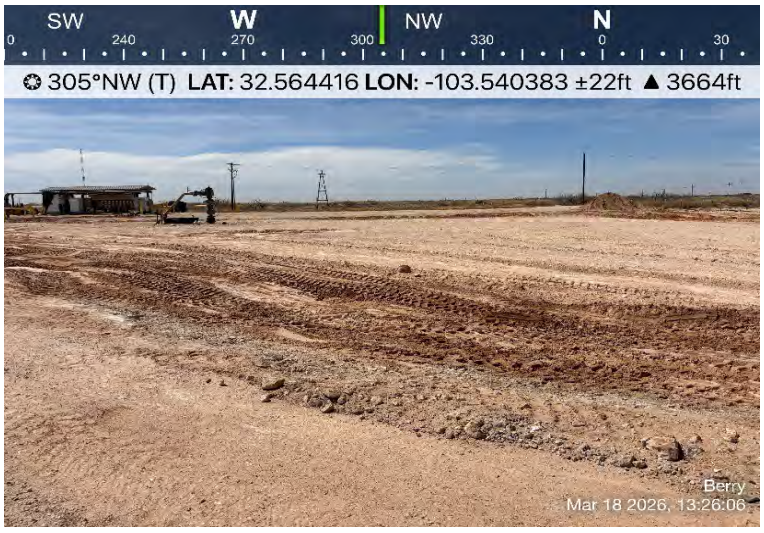
**Description:**
View Northwest, area of CS-1 through CS-78.

**Photograph No. 11**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View South, area of CS-69 through CS-78.




**Photograph No. 12**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View North, area of CS-1 through CS-78.

# PHOTOGRAPHIC LOG

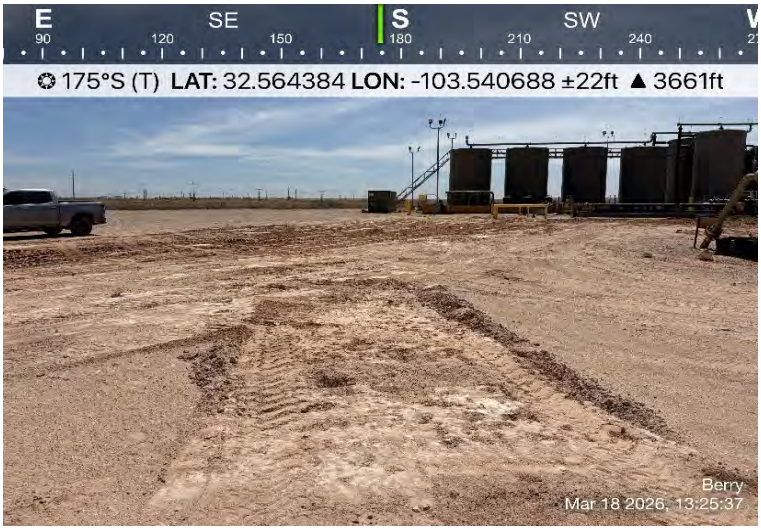
**Delek Logistics Company**

**Photograph No. 13**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View South, area of CS-62 through CS-78.

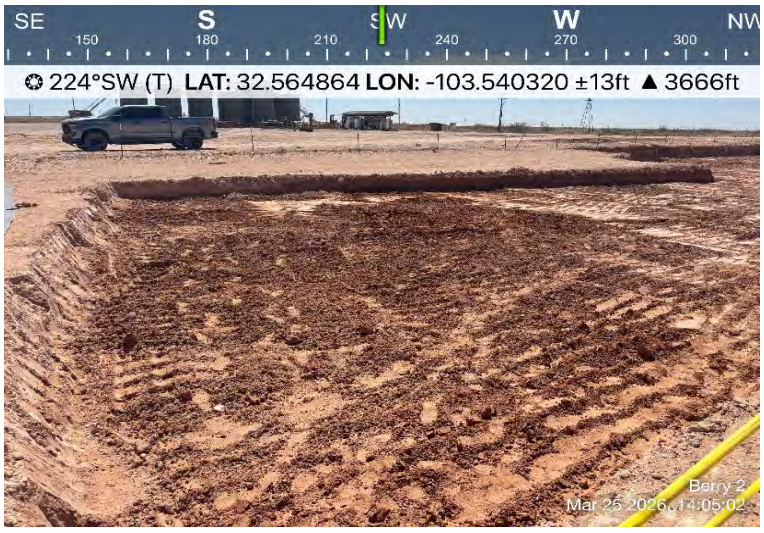



**Photograph No. 14**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View Southwest, area of CS-79 through CS-84.




**Photograph No. 15**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View West, area of CS-83 through CS-93.

# PHOTOGRAPHIC LOG

**Delek Logistics Company**

**Photograph No. 16**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View South, area of CS-87 through CS-93.

**Photograph No. 17**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

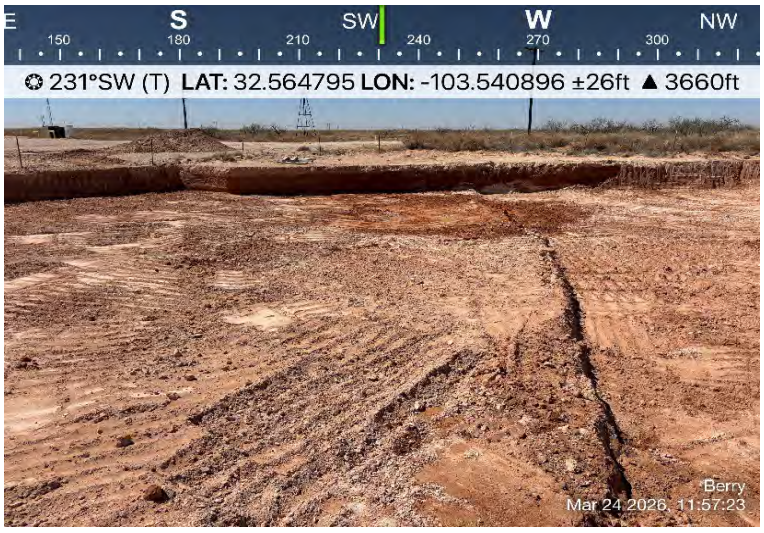
**Description:**
View South, area of CS-94 through CS-104.

**Photograph No. 18**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View Southwest, area of CS-94 through CS-106 and CS-134 through CS-136.



# PHOTOGRAPHIC LOG

**Delek Logistics Company**

**Photograph No. 19**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View Northwest, area of CS-107 through CS-116.

**Photograph No. 20**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View South, area of CS-107 through CS-116.

**Photograph No. 21**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View Southwest, area of CS-117 through CS-145.

# PHOTOGRAPHIC LOG

**Delek Logistics Company**

**Photograph No. 22**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View West, area of CS-117 through CS-136.

**Photograph No. 23**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View Northwest, area of CS-137 through CS-145.

**Photograph No. 24**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View West, area of CS-145 through CS-149.

# 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 554344

## QUESTIONS

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>554344 |
| | Action Type:<br>[NOTIFY] Notification Of Release (NOR) |

**QUESTIONS**

| **Location of Release Source**<br>*Please answer all the questions in this group.* | |
|---|---|
| Site Name | Berry 2 (02.16.2026) |
| Date Release Discovered | 02/16/2026 |
| Surface Owner | Private |

| **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: Other \| Other (Specify) \| Produced Water \| Released: 50 BBL \| Recovered: 0 BBL \| Lost: 50 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) | Flex hose came apart at the coupling |

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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>554344 |
| | 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 | *Not answered.* |
| *Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.* | |

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



## ACKNOWLEDGMENTS

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>554344 |
| | 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. |

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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>554344 |
| | 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. | 2/16/2026 |

1:38

Home

# Saturated Soil Calculation

Berry 2 (02.16.2026)

| L(Ft) | W(Ft) | D(In) | Oil % |
|---|---|---|---|
| 560 | 88 | 1 | 0 |

Soil Definitions

SOIL TYPE FACTOR

0.08 | **0.14** | 0.16 | 0.25 | 0.15

$H_2O$ Spill Total: 102.39 Bbls

Oil Spill Total: 0.00 Bbls

Total Spilled: 102.39 Bbls

Total Spilled: 4,300.50 Gals

Add Section to Spill

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

Action 561040

## QUESTIONS

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>561040 |
| | Action Type:<br>[C-141] Initial C-141 (C-141-v-Initial) |

**QUESTIONS**

| **Prerequisites** | |
|---|---|
| Incident ID (n#) | **nAPP2604748844** |
| Incident Name | **NAPP2604748844 BERRY 2 (02.16.2026) @ A-22-20S-34E 1N 1E** |
| 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 | Berry 2 (02.16.2026) |
| Date Release Discovered | 02/16/2026 |
| Surface Owner | Private |

| **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 \| Pipeline (Any) \| Produced Water \| Released: 102 BBL \| Recovered: 40 BBL \| Lost: 62 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) | Flex hose came apart at the coupling |

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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>561040 |
| | 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 | *Not answered.* |
| *Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.* | |

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

| | |
|---|---|
| I hereby agree and sign off to the above statement | Name: Cassie Whitefield<br>Email: cassie.whitefield@deleklogistics.com<br>Date: 03/09/2026 |

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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 (continued)

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>561040 |
| | 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

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>561040 |
| | Action Type:<br>[C-141] Initial C-141 (C-141-v-Initial) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| scwells | Initial C-141 approved. A remediation plan or a remediation closure report is due to the OCD by 5/18/2026. | 3/9/2026 |

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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 561194

## QUESTIONS

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>561194 |
| | Action Type:<br>[NOTIFY] Notification Of Sampling (C-141N) |

**QUESTIONS**

| **Prerequisites** | |
|---|---|
| Incident ID (n#) | **nAPP2604748844** |
| Incident Name | **NAPP2604748844 BERRY 2 (02.16.2026) @ A-22-20S-34E 1N 1E** |
| Incident Type | **Produced Water Release** |
| Incident Status | **Initial C-141 Approved** |

| **Location of Release Source** | |
|---|---|
| Site Name | **Berry 2 (02.16.2026)** |
| Date Release Discovered | **02/16/2026** |
| Surface Owner | **Private** |

| **Sampling Event General Information**<br>*Please answer all the questions in this group.* | |
|---|---|
| What is the sampling surface area in square feet | 54,000 |
| What is the estimated number of samples that will be gathered | 290 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 03/18/2026 |
| Time sampling will commence | 09:00 AM |
| Please provide any information necessary for observers to contact samplers | Carmona Resources - 432-813-8988 A 400sqft sampling frequency has been requested to the NMOCD on 03.09.2026. |
| Please provide any information necessary for navigation to sampling site | 32.563887,-103.540827 |

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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>561194 |
| | 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. | 3/10/2026 |
| 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. | 3/10/2026 |

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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 561195

## QUESTIONS

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>561195 |
| | Action Type:<br>[NOTIFY] Notification Of Sampling (C-141N) |

**QUESTIONS**

| **Prerequisites** | |
|---|---|
| Incident ID (n#) | **nAPP2604748844** |
| Incident Name | **NAPP2604748844 BERRY 2 (02.16.2026) @ A-22-20S-34E 1N 1E** |
| Incident Type | **Produced Water Release** |
| Incident Status | **Initial C-141 Approved** |

| **Location of Release Source** | |
|---|---|
| Site Name | **Berry 2 (02.16.2026)** |
| Date Release Discovered | **02/16/2026** |
| Surface Owner | **Private** |

| **Sampling Event General Information**<br>*Please answer all the questions in this group.* | |
|---|---|
| What is the sampling surface area in square feet | 54,000 |
| What is the estimated number of samples that will be gathered | 290 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 03/19/2026 |
| Time sampling will commence | 09:00 AM |
| Please provide any information necessary for observers to contact samplers | Carmona Resources - 432-813-8988 A 400sqft sampling frequency has been requested to the NMOCD on 03.09.2026. |
| Please provide any information necessary for navigation to sampling site | 32.563887,-103.540827 |

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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: | OGRID: |
|---|---|
| DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | 330291 |
| | Action Number:<br>561195 |
| | 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. | 3/10/2026 |
| 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. | 3/10/2026 |

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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 561196

## QUESTIONS

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>561196 |
| | Action Type:<br>[NOTIFY] Notification Of Sampling (C-141N) |

**QUESTIONS**

| **Prerequisites** | |
|---|---|
| Incident ID (n#) | **nAPP2604748844** |
| Incident Name | **NAPP2604748844 BERRY 2 (02.16.2026) @ A-22-20S-34E 1N 1E** |
| Incident Type | **Produced Water Release** |
| Incident Status | **Initial C-141 Approved** |

| **Location of Release Source** | |
|---|---|
| Site Name | **Berry 2 (02.16.2026)** |
| Date Release Discovered | **02/16/2026** |
| Surface Owner | **Private** |

| **Sampling Event General Information**<br>*Please answer all the questions in this group.* | |
|---|---|
| What is the sampling surface area in square feet | 54,000 |
| What is the estimated number of samples that will be gathered | 290 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 03/20/2026 |
| Time sampling will commence | 09:00 AM |
| Please provide any information necessary for observers to contact samplers | Carmona Resources - 432-813-8988 A 400sqft sampling frequency has been requested to the NMOCD on 03.09.2026. |
| Please provide any information necessary for navigation to sampling site | 32.563887,-103.540827 |

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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 561196

## CONDITIONS

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>561196 |
| | 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. | 3/10/2026 |
| 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. | 3/10/2026 |

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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 561197

## QUESTIONS

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>561197 |
| | Action Type:<br>[NOTIFY] Notification Of Sampling (C-141N) |

**QUESTIONS**

| **Prerequisites** | |
|---|---|
| Incident ID (n#) | **nAPP2604748844** |
| Incident Name | **NAPP2604748844 BERRY 2 (02.16.2026) @ A-22-20S-34E 1N 1E** |
| Incident Type | **Produced Water Release** |
| Incident Status | **Initial C-141 Approved** |

| **Location of Release Source** | |
|---|---|
| Site Name | **Berry 2 (02.16.2026)** |
| Date Release Discovered | **02/16/2026** |
| Surface Owner | **Private** |

| **Sampling Event General Information**<br>*Please answer all the questions in this group.* | |
|---|---|
| What is the sampling surface area in square feet | 54,000 |
| What is the estimated number of samples that will be gathered | 290 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 03/23/2026 |
| Time sampling will commence | 09:00 AM |
| Please provide any information necessary for observers to contact samplers | Carmona Resources - 432-813-8988 A 400sqft sampling frequency has been requested to the NMOCD on 03.09.2026. |
| Please provide any information necessary for navigation to sampling site | 32.563887,-103.540827 |

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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>561197 |
| | 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. | 3/10/2026 |
| 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. | 3/10/2026 |

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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 564963

## QUESTIONS

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>564963 |
| | Action Type:<br>[NOTIFY] Notification Of Sampling (C-141N) |

**QUESTIONS**

| **Prerequisites** | |
|---|---|
| Incident ID (n#) | **nAPP2604748844** |
| Incident Name | **NAPP2604748844 BERRY 2 (02.16.2026) @ A-22-20S-34E 1N 1E** |
| Incident Type | **Produced Water Release** |
| Incident Status | **Initial C-141 Approved** |

| **Location of Release Source** | |
|---|---|
| Site Name | **Berry 2 (02.16.2026)** |
| Date Release Discovered | **02/16/2026** |
| Surface Owner | **Private** |

| **Sampling Event General Information**<br>*Please answer all the questions in this group.* | |
|---|---|
| What is the sampling surface area in square feet | 54,000 |
| What is the estimated number of samples that will be gathered | 290 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 03/24/2026 |
| Time sampling will commence | 09:00 AM |
| Please provide any information necessary for observers to contact samplers | Carmona Resources - 432-813-8988 A 400sqft sampling frequency has been approved by the NMOCD. |
| Please provide any information necessary for navigation to sampling site | 32.563887,-103.540827 |

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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>564963 |
| | 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. | 3/19/2026 |
| 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. | 3/19/2026 |

**Ashton Thielke**

**From:** Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
**Sent:** Thursday, March 12, 2026 3:26 PM
**To:** Ashton Thielke
**Cc:** Cassie Whitefield; Gilbert Priego
**Subject:** RE: [EXTERNAL] RE: Delek - nAPP2604748844 - Berry 2 (02.16.2026) - Alternate Sampling Plan - 400sqft Sampling Frequency

Hi Ashton,

Thank you for providing the requested video of the gauging event at the disconnected windmill. Depth to groundwater has been confirmed to be > 100 feet for release nAPP2604748844. As the release is not located within the setbacks described in 19.15.29.12.C.(4) NMAC, the alternate sampling plan is approved to collect bottom confirmation samples every 400 square feet and sidewall samples every 200 square feet. Please include a copy of this and all notifications in the closure report to ensure the notifications are documented in the project file.

Kind regards,

Shelly

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

---

**From:** Ashton Thielke <ThielkeA@carmonaresources.com>
**Sent:** Thursday, March 12, 2026 1:53 PM
**To:** Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
**Cc:** Cassie Whitefield <Cassie.Whitefield@deleklogistics.com>; Gilbert Priego <GilbertP@carmonaresources.com>
**Subject:** [EXTERNAL] RE: Delek - nAPP2604748844 - Berry 2 (02.16.2026) - Alternate Sampling Plan - 400sqft Sampling Frequency

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

Good afternoon Shelly,

Please see the link below for videos of the disconnected windmill was gauged to show water greater than 100'.
https://www.dropbox.com/scl/fo/6fud8ma0eoc78cfyvvpsl/AD0x7MlUV0FjHGW3iUq-4Xo?rlkey=k1nof7ijmxdy2xxf7zqgqhnyi&st=f8vmgvr5&dl=0

The probe was measuring water at a depth of ~131' at the top of casing.
The casing was between 2-3' above ground surface which would put the water around 128-129' below ground surface.

Please let me know if you have any questions.

Thanks!

Ashton Thielke
Director of Operations
310 West Wall Street, Suite 500
Midland TX, 79701
M: 432-813-8988 C: 281-753-5659
ThielkeA@carmonaresources.com
Environmental Consulting Firm - Carmona Resources

CARMONA RESOURCES

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**From:** Ashton Thielke
**Sent:** Monday, March 9, 2026 2:27 PM
**To:** 'Wells, Shelly, EMNRD' <Shelly.Wells@emnrd.nm.gov>
**Cc:** 'Cassie Whitefield' <Cassie.Whitefield@deleklogistics.com>
**Subject:** Delek - nAPP2604748844 - Berry 2 (02.16.2026) - Alternate Sampling Plan - 400sqft Sampling Frequency

Good afternoon Shelly,

On behalf of DKL Energy - Cottonwood, LLC., Carmona Resources, LLC is requesting a sampling frequency increase for confirmation sampling, increasing the composite sampling area from the standard 200 square feet to 400 square feet at the nAPP2604748844 - Berry 2 (02.16.2026)
Attached is the proposed excavation map. Approximately 5,600 cubic yards of material will be removed (~54,000 sq ft) as outlined on page 1.
The entire release was contained to the well pad and all remediation areas on DKL Energy - Cottonwood, LLC. Will be held to Table 1 NMAC 19.15.29.12 (GW >100').
Similar to the November 2023 incident (nAPP2333829905), the Cimarex well pad to the north will be remediated to reclamation standards NMAC 19.15.29.13 (top 4' clean to strictest criteria) as Cimarex does not want any environmental liability left onsite following the closure of this release besides the normal reclamation requirements.

The site is located within a low-karst area (page 4). During the November 2023 incident (nAPP2333829905), the nearby disconnected windmill was gauged to show water greater than 100'. (see pages 6 & 7) The disconnected windmill is within 0.5 miles of the site.
No other sensitive environmental receptors are found within 1.0 miles of this site.
Remediation is scheduled to begin this Wednesday, March 11, 2026.
A C-141N will be submitted shortly.
Based on groundwater depth and karst conditions, Carmona Resources and DKL Energy - Cottonwood, LLC., believe this sampling frequency plan will provide equal or greater protection of fresh water, public health, and the environment.

Please feel free to call me if you have any questions.

Ashton Thielke
Director of Operations

310 West Wall Street, Suite 500
Midland TX, 79701
M: 432-813-8988 C: 281-753-5659
ThielkeA@carmonaresources.com
Environmental Consulting Firm - Carmona Resources

# APPENDIX D

CARMONA RESOURCES

Received by OCD: 4/2/2026 2:29:46 PM


# Nearest Water Well

DKL Energy - Cottonwood, LLC

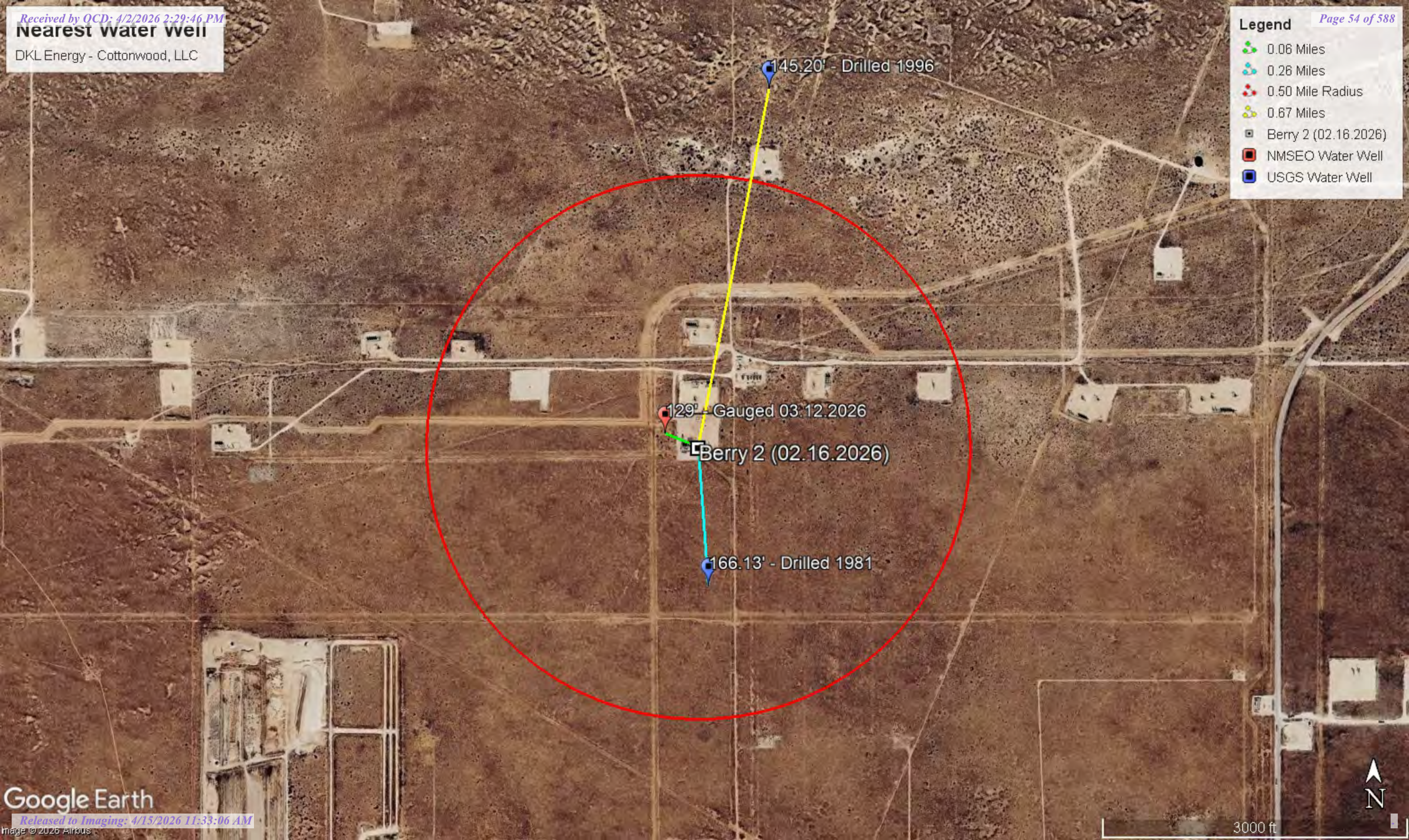


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Image © 2026 Airbus

Low Karst

DKL Energy - Cottonwood, LLC

Legend

Berry 2 (02.16.2026)

Low

Berry 2 (02.16.2026)

Google Earth

Released to Imaging: 4/15/2026 11:33:06 AM

Image © 2026 Airbus

N

3000 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 00800 POD1 | | CP | LE | NE | NE | NE | 22 | 20S | 34E | 637007.0 | 3603994.0 * | | 116 | 220 | | |
| CP 00655 POD1 | | CP | LE | | SW | NW | 14 | 20S | 34E | 637294.0 | 3605108.0 * | | 1267 | 210 | | |
| CP 01204 POD1 | | CP | LE | SW | NW | NW | 25 | 20S | 34E | 638755.1 | 3602250.6 | | 2408 | 370 | | |
| CP 00665 | | CP | LE | | NW | SE | 24 | 20S | 34E | 639740.0 | 3603128.0 * | | 2858 | 698 | 270 | 428 |
| CP 02092 POD1 | | CP | LE | NE | NE | NW | 13 | 20S | 34E | 639320.6 | 3605662.2 | | 2940 | 60 | 52 | 8 |
| CP 02095 POD1 | | CP | LE | NE | NW | SE | 24 | 20S | 34E | 639936.5 | 3603209.7 | | 3029 | 105 | | |
| CP 01389 POD1 | | CP | LE | NW | NW | NW | 34 | 20S | 34E | 635725.9 | 3600733.6 | | 3387 | 1250 | 1005 | 245 |
| CP 01867 POD3 | | CP | LE | NW | NE | SE | 20 | 20S | 34E | 633580.2 | 3603242.8 | | 3460 | 220 | | |
| CP 01867 POD1 | | CP | LE | NW | NE | SE | 20 | 20S | 34E | 633584.3 | 3603189.9 | | 3467 | 200 | | |
| CP 01330 POD1 | | CP | LE | SE | NE | NW | 34 | 20S | 34E | 636197.4 | 3600483.2 | | 3486 | 1349 | 684 | 665 |
| CP 01867 POD4 | | CP | LE | NW | NE | SE | 20 | 20S | 34E | 633512.6 | 3603245.3 | | 3526 | 220 | | |
| CP 01867 POD2 | | CP | LE | NW | NE | SE | 20 | 20S | 34E | 633512.6 | 3603189.6 | | 3537 | 200 | | |
| CP 01289 POD1 | | CP | LE | SE | SE | NE | 34 | 20S | 34E | 637037.0 | 3600261.8 | | 3618 | 1222 | 651 | 571 |
| CP 01288 POD1 | | CP | LE | SE | SE | NE | 34 | 20S | 34E | 637134.3 | 3600204.6 | | 3678 | 1255 | 758 | 497 |
| CP 02083 POD1 | | CP | LE | SE | NW | NW | 12 | 20S | 34E | 638959.6 | 3607049.5 | | 3735 | 105 | | |
| CP 00654 POD1 | | CP | LE | | SE | SE | 12 | 20S | 34E | 640103.0 | 3605947.0 * | | 3743 | 60 | | |
| CP 00656 POD1 | | CP | LE | SE | SE | SE | 04 | 20S | 34E | 635342.0 | 3607391.0 * | | 3875 | 225 | | |

Average Depth to Water: **570 feet**

Minimum Depth: **52 feet**

Maximum Depth: **1005 feet**

**Record Count:** 17

**UTM Filters (in meters):**

**Easting:** 636982.00

**Northing:** 3603880.00

**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.

**Ashton Thielke**

**From:** Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
**Sent:** Thursday, March 12, 2026 3:26 PM
**To:** Ashton Thielke
**Cc:** Cassie Whitefield; Gilbert Priego
**Subject:** RE: [EXTERNAL] RE: Delek - nAPP2604748844 - Berry 2 (02.16.2026) - Alternate Sampling Plan - 400sqft Sampling Frequency

Hi Ashton,

Thank you for providing the requested video of the gauging event at the disconnected windmill. Depth to groundwater has been confirmed to be > 100 feet for release nAPP2604748844. As the release is not located within the setbacks described in 19.15.29.12.C.(4) NMAC, the alternate sampling plan is approved to collect bottom confirmation samples every 400 square feet and sidewall samples every 200 square feet. Please include a copy of this and all notifications in the closure report to ensure the notifications are documented in the project file.

Kind regards,

Shelly

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

---

**From:** Ashton Thielke <ThielkeA@carmonaresources.com>
**Sent:** Thursday, March 12, 2026 1:53 PM
**To:** Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
**Cc:** Cassie Whitefield <Cassie.Whitefield@deleklogistics.com>; Gilbert Priego <GilbertP@carmonaresources.com>
**Subject:** [EXTERNAL] RE: Delek - nAPP2604748844 - Berry 2 (02.16.2026) - Alternate Sampling Plan - 400sqft Sampling Frequency

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

Good afternoon Shelly,

Please see the link below for videos of the disconnected windmill was gauged to show water greater than 100'.
https://www.dropbox.com/scl/fo/6fud8ma0eoc78cfyvvpsl/AD0x7MlUV0FjHGW3iUq-4Xo?rlkey=k1nof7ijmxdy2xxf7zqgqhnyi&st=f8vmgvr5&dl=0

The probe was measuring water at a depth of ~131' at the top of casing.
The casing was between 2-3' above ground surface which would put the water around 128-129' below ground surface.

Please let me know if you have any questions.

Thanks!

Ashton Thielke
Director of Operations
310 West Wall Street, Suite 500
Midland TX, 79701
M: 432-813-8988 C: 281-753-5659
ThielkeA@carmonaresources.com
Environmental Consulting Firm - Carmona Resources

CARMONA RESOURCES

---

**From:** Ashton Thielke
**Sent:** Monday, March 9, 2026 2:27 PM
**To:** 'Wells, Shelly, EMNRD' <Shelly.Wells@emnrd.nm.gov>
**Cc:** 'Cassie Whitefield' <Cassie.Whitefield@deleklogistics.com>
**Subject:** Delek - nAPP2604748844 - Berry 2 (02.16.2026) - Alternate Sampling Plan - 400sqft Sampling Frequency

Good afternoon Shelly,

On behalf of DKL Energy - Cottonwood, LLC., Carmona Resources, LLC is requesting a sampling frequency increase for confirmation sampling, increasing the composite sampling area from the standard 200 square feet to 400 square feet at the nAPP2604748844 - Berry 2 (02.16.2026)
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Please feel free to call me if you have any questions.

Ashton Thielke
Director of Operations

310 West Wall Street, Suite 500
Midland TX, 79701
M: 432-813-8988 C: 281-753-5659
ThielkeA@carmonaresources.com
Environmental Consulting Firm - Carmona Resources

# PHOTOGRAPHIC LOG

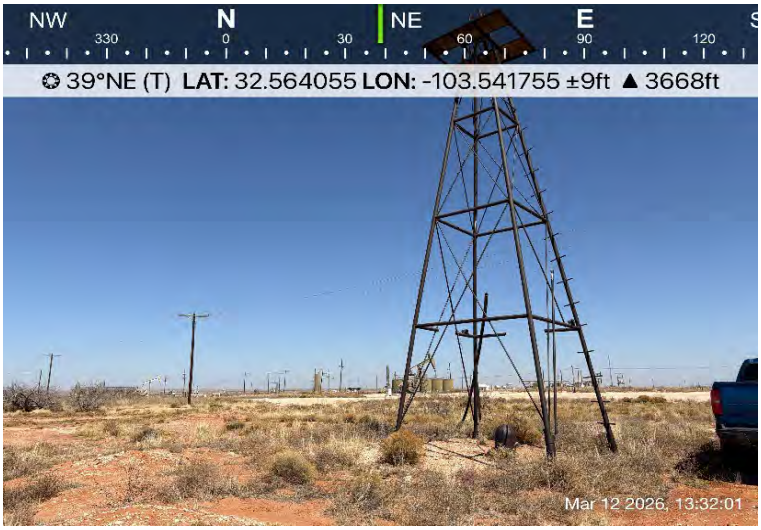
**Delek Logistics Company**

**Photograph No. 1**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View Northeast, Disconnected Windmill.




**Photograph No. 2**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View South, Measurement of Water in Well.

**Photograph No. 3**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View South, Overview of Casing and Measuring Probe in Water Well.

# PHOTOGRAPHIC LOG

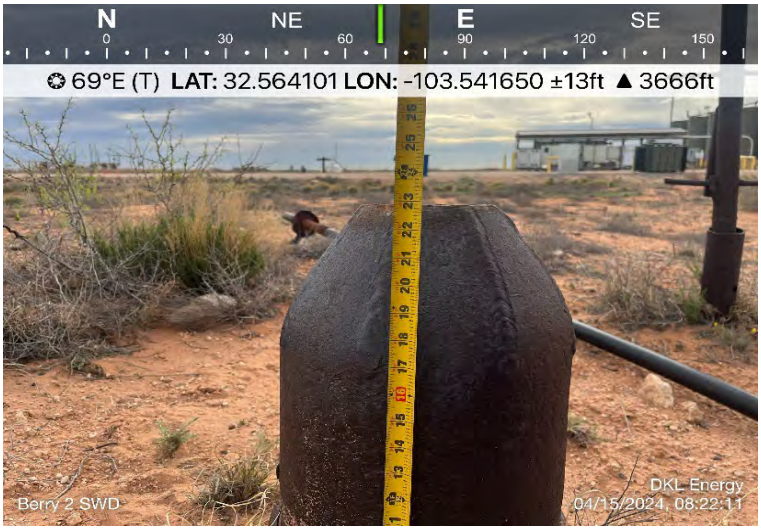
**Delek Logistics Company**

**Photograph No. 4**

**Facility:** Berry 2 (02.16.2026)

**County:** Lea County, New Mexico

**Description:**
View East, Measurement of Casing Height Above Ground Surface.



| 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 | ? S |
|---|---|---|---|---|---|---|---|

Groundwater | 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.
- Full News

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 =**
- 323336103322501

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

## USGS 323336103322501 20S.34E.22.222333

Lea County, New Mexico
Latitude 32°33'36", Longitude 103°32'25" NAD27
Land-surface elevation 3,663 feet above NAVD88
The depth of the well is 250 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinle Formation (231CHNL) 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 of measure |
|---|---|---|---|---|---|---|---|---|---|---|
| 1965-11-17 | | D | 62610 | | 3483.69 | NGVD29 | P | Z | | |
| 1965-11-17 | | D | 62611 | | 3485.25 | NAVD88 | P | Z | | |
| 1965-11-17 | | D | 72019 | 177.75 | | | P | Z | | |
| 1966-03-02 | | D | 62610 | | 3491.87 | NGVD29 | P | Z | | |
| 1966-03-02 | | D | 62611 | | 3493.43 | NAVD88 | P | Z | | |
| 1966-03-02 | | D | 72019 | 169.57 | | | P | Z | | |
| 1968-03-21 | | D | 62610 | | 3494.74 | NGVD29 | 1 | Z | | |
| 1968-03-21 | | D | 62611 | | 3496.30 | NAVD88 | 1 | Z | | |
| 1968-03-21 | | D | 72019 | 166.70 | | | 1 | Z | | |
| 1971-02-03 | | D | 62610 | | 3446.46 | NGVD29 | P | Z | | |
| 1971-02-03 | | D | 62611 | | 3448.02 | NAVD88 | P | Z | | |
| 1971-02-03 | | D | 72019 | 214.98 | | | P | Z | | |
| 1972-10-02 | | D | 62610 | | 3464.95 | NGVD29 | P | Z | | |
| 1972-10-02 | | D | 62611 | | 3466.51 | NAVD88 | P | 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 | ? S |
|---|---|---|---|---|---|---|---|---|
| 1972-10-02 | | D | 72019 | 196.49 | | | P | Z |
| 1981-02-26 | | D | 62610 | | 3495.31 | NGVD29 | P | Z |
| 1981-02-26 | | D | 62611 | | 3496.87 | NAVD88 | P | Z |
| 1981-02-26 | | D | 72019 | 166.13 | | | P | Z |

**Explanation**

| 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 |
| Status | P | Pumping |
| 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. |




Released to Imaging: 4/15/2026 11:33:06 AM

| 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 | ? S |
|---|---|---|---|---|---|---|---|

Groundwater | 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.
- Full News

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 =**
- 323409103321301

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

## USGS 323409103321301 20S.34E.14.13343

Lea County, New Mexico
Latitude 32°34'24", Longitude 103°32'18" NAD27
Land-surface elevation 3,648.00 feet above NGVD29
The depth of the well is 230 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinle Formation (231CHNL) 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 of measure |
|---|---|---|---|---|---|---|---|---|---|---|
| 1968-03-21 | | D | 62610 | | 3495.16 | NGVD29 | 1 | Z | | |
| 1968-03-21 | | D | 62611 | | 3496.72 | NAVD88 | 1 | Z | | |
| 1968-03-21 | | D | 72019 | 152.84 | | | 1 | Z | | |
| 1971-02-03 | | D | 62610 | | 3496.00 | NGVD29 | 1 | Z | | |
| 1971-02-03 | | D | 62611 | | 3497.56 | NAVD88 | 1 | Z | | |
| 1971-02-03 | | D | 72019 | 152.00 | | | 1 | Z | | |
| 1972-10-02 | | D | 62610 | | 3457.78 | NGVD29 | P | Z | | |
| 1972-10-02 | | D | 62611 | | 3459.34 | NAVD88 | P | Z | | |
| 1972-10-02 | | D | 72019 | 190.22 | | | P | Z | | |
| 1976-02-20 | | D | 62610 | | 3492.97 | NGVD29 | 1 | Z | | |
| 1976-02-20 | | D | 62611 | | 3494.53 | NAVD88 | 1 | Z | | |
| 1976-02-20 | | D | 72019 | 155.03 | | | 1 | Z | | |
| 1981-02-26 | | D | 62610 | | 3492.64 | NGVD29 | P | Z | | |
| 1981-02-26 | | D | 62611 | | 3494.20 | NAVD88 | P | 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 | ? S |
|---|---|---|---|---|---|---|---|---|
| 1981-02-26 | D | 72019 | 155.36 | | | P | Z | |
| 1986-04-01 | D | 62610 | | 3495.99 | NGVD29 | 1 | Z | |
| 1986-04-01 | D | 62611 | | 3497.55 | NAVD88 | 1 | Z | |
| 1986-04-01 | D | 72019 | 152.01 | | | 1 | Z | |
| 1996-02-02 | D | 62610 | | 3502.80 | NGVD29 | 1 | S | |
| 1996-02-02 | D | 62611 | | 3504.36 | NAVD88 | 1 | S | |
| 1996-02-02 | D | 72019 | 145.20 | | | 1 | S | |

**Explanation**

| 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 |
| Status | P | Pumping |
| 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
Automated retrievals
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Data Tips
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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: 2024-04-15 08:25:42 EDT
0.3 0.26 nadww01


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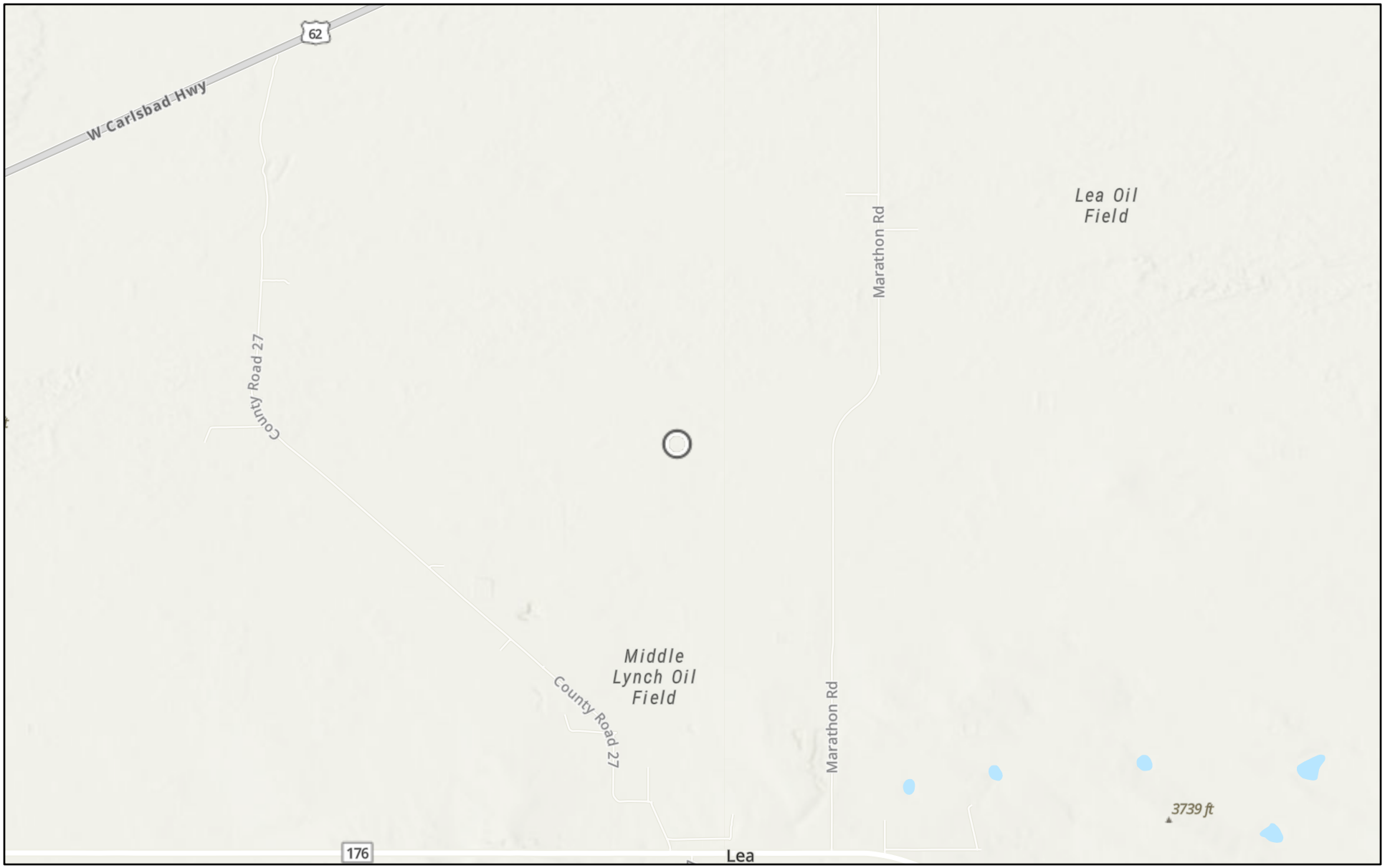
# Berry 2 (02.16.2026)




3/9/2026

World_Hillshade

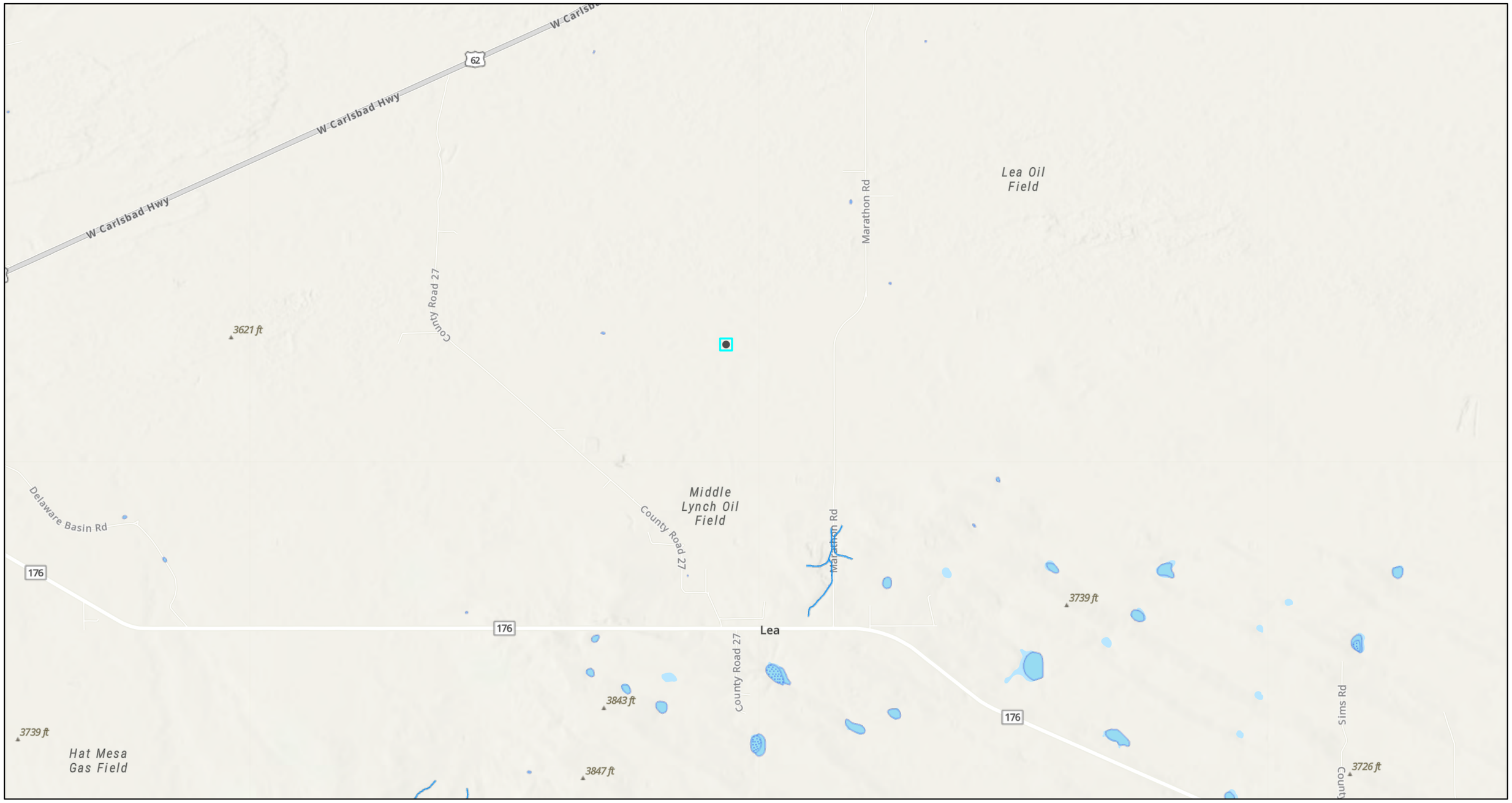
1:72,224

0 0.5 1 2 mi

0 0.75 1.5 3 km

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

# Berry 2 (02.16.2026)




3/9/2026, 1:59:06 PM

OSW Water Bodys

OSE Probable Playas

OSE Streams

1:72,224

0 0.75 1.5 3 mi

0 1.25 2.5 5 km

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

# 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 3/25/2026 11:04:02 AM

## JOB DESCRIPTION

BERRY 2 (02.16.2026)
Lea County New Mexico

## JOB NUMBER

890-9672-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.



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my EOL

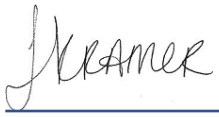
# Eurofins Carlsbad

## 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
3/25/2026 11:04:02 AM

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

Client: Carmona Resources
Project/Site: BERRY 2 (02.16.2026)

Laboratory Job ID: 890-9672-1
SDG: Lea County New Mexico

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# Definitions/Glossary

Client: Carmona Resources
Project/Site: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
SDG: Lea County New Mexico

## Qualifiers

### GC VOA

| Qualifier | Qualifier Description |
|---|---|
| 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 |
|---|---|
| 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: BERRY 2 (02.16.2026)

Job ID: 890-9672-1

## Job ID: 890-9672-1 Eurofins Carlsbad

**Job Narrative**
**890-9672-1**

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 3/17/2026 4:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.2°C.

**Receipt Exceptions**
The following samples were received and analyzed from an unpreserved bulk soil jar: H - 1 (0-0.5') (890-9672-1), H - 2 (0-0.5') (890-9672-2), H - 3 (0-0.5') (890-9672-3), H - 4 (0-0.5') (890-9672-4), H - 5 (0-0.5') (890-9672-5), H - 6 (0-0.5') (890-9672-6), H - 7 (0-0.5') (890-9672-7), H - 8 (0-0.5') (890-9672-8), H - 9 (0-0.5') (890-9672-9), H - 10 (0-0.5') (890-9672-10) and H - 11 (0-0.5') (890-9672-11).

**GC VOA**
Method 8021B: Surrogate recovery for the following samples were outside control limits: H - 2 (0-0.5') (890-9672-2), H - 6 (0-0.5') (890-9672-6) and H - 7 (0-0.5') (890-9672-7). 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) precision for preparation batch 880-135610 and analytical batch 880-135601 was outside control limits. Sample non-homogeneity is suspected.

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

**Diesel Range Organics**
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: H - 1 (0-0.5') (890-9672-1). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: H - 2 (0-0.5') (890-9672-2), H - 3 (0-0.5') (890-9672-3), H - 4 (0-0.5') (890-9672-4), H - 5 (0-0.5') (890-9672-5), H - 7 (0-0.5') (890-9672-7), H - 8 (0-0.5') (890-9672-8), H - 10 (0-0.5') (890-9672-10) and H - 11 (0-0.5') (890-9672-11). 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: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9672-1**
**Date Collected: 03/17/26 00:00**
**Matrix: Solid**
**Date Received: 03/17/26 16:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 12:08 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 12:08 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 12:08 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 12:08 | 1 |
| o-Xylene | <0.00200 | U F2 | 0.00200 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 12:08 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 12:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *129* | | *70 - 130* | *03/23/26 10:03* | *03/23/26 12:08* | *1* |
| *1,4-Difluorobenzene (Surr)* | *105* | | *70 - 130* | *03/23/26 10:03* | *03/23/26 12:08* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 03/23/26 12:08 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 03/23/26 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 | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 20:17 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 20:17 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 20:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *109* | | *70 - 130* | *03/18/26 13:45* | *03/23/26 20:17* | *1* |
| *o-Terphenyl (Surr)* | *134* | *S1+* | *70 - 130* | *03/18/26 13:45* | *03/23/26 20:17* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **175** | | 10.0 | | mg/Kg | | | 03/19/26 21:46 | 1 |

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

**Lab Sample ID: 890-9672-2**
**Date Collected: 03/17/26 00:00**
**Matrix: Solid**
**Date Received: 03/17/26 16:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 12:28 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 12:28 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 12:28 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 12:28 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 12:28 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 12:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *132* | *S1+* | *70 - 130* | *03/23/26 10:03* | *03/23/26 12:28* | *1* |
| *1,4-Difluorobenzene (Surr)* | *106* | | *70 - 130* | *03/23/26 10:03* | *03/23/26 12:28* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9672-2**
**Matrix: Solid**
**Date Collected: 03/17/26 00:00**
**Date Received: 03/17/26 16:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 03/23/26 12:28 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 03/23/26 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 | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 20:38 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 20:38 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 20:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *130* | | *70 - 130* | *03/18/26 13:45* | *03/23/26 20:38* | *1* |
| *o-Terphenyl (Surr)* | *141* | *S1+* | *70 - 130* | *03/18/26 13:45* | *03/23/26 20:38* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **288** | | 10.1 | | mg/Kg | | | 03/19/26 22:01 | 1 |

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

**Lab Sample ID: 890-9672-3**
**Matrix: Solid**
**Date Collected: 03/17/26 00:00**
**Date Received: 03/17/26 16:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 12:49 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 12:49 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 12:49 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 12:49 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 12:49 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 12:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *124* | | *70 - 130* | *03/23/26 10:03* | *03/23/26 12:49* | *1* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* | *03/23/26 10:03* | *03/23/26 12:49* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 03/23/26 12:49 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/23/26 20:58 | 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 | | 03/18/26 13:45 | 03/23/26 20:58 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 20:58 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9672-3**
**Matrix: Solid**
**Date Collected: 03/17/26 00:00**
**Date Received: 03/17/26 16:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 20:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *142* | *S1+* | *70 - 130* | *03/18/26 13:45* | *03/23/26 20:58* | *1* |
| *o-Terphenyl (Surr)* | *155* | *S1+* | *70 - 130* | *03/18/26 13:45* | *03/23/26 20:58* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **281** | | 10.1 | | mg/Kg | | | 03/19/26 22:07 | 1 |

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

**Lab Sample ID: 890-9672-4**
**Matrix: Solid**
**Date Collected: 03/17/26 00:00**
**Date Received: 03/17/26 16:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 13:10 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 13:10 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 13:10 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 13:10 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 13:10 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 13:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *128* | | *70 - 130* | *03/23/26 10:03* | *03/23/26 13:10* | *1* |
| *1,4-Difluorobenzene (Surr)* | *105* | | *70 - 130* | *03/23/26 10:03* | *03/23/26 13:10* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 03/23/26 13:10 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/23/26 21:19 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 21:19 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 21:19 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 21:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *140* | *S1+* | *70 - 130* | *03/18/26 13:45* | *03/23/26 21:19* | *1* |
| *o-Terphenyl (Surr)* | *151* | *S1+* | *70 - 130* | *03/18/26 13:45* | *03/23/26 21:19* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **180** | | 10.0 | | mg/Kg | | | 03/19/26 22:12 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9672-5**
**Date Collected: 03/17/26 00:00**
**Matrix: Solid**
**Date Received: 03/17/26 16:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 13:30 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 13:30 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 13:30 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 13:30 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 13:30 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 13:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *116* | | *70 - 130* | *03/23/26 10:03* | *03/23/26 13:30* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *03/23/26 10:03* | *03/23/26 13:30* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 03/23/26 13:30 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 03/23/26 21:39 | 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 | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 21:39 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 21:39 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 21:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *133* | *S1+* | *70 - 130* | *03/18/26 13:45* | *03/23/26 21:39* | *1* |
| *o-Terphenyl (Surr)* | *146* | *S1+* | *70 - 130* | *03/18/26 13:45* | *03/23/26 21:39* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **269** | | 10.1 | | mg/Kg | | | 03/19/26 22:17 | 1 |

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

**Lab Sample ID: 890-9672-6**
**Date Collected: 03/17/26 00:00**
**Matrix: Solid**
**Date Received: 03/17/26 16:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 13:51 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 13:51 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 13:51 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 13:51 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 13:51 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 13:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *139* | *S1+* | *70 - 130* | *03/23/26 10:03* | *03/23/26 13:51* | *1* |
| *1,4-Difluorobenzene (Surr)* | *109* | | *70 - 130* | *03/23/26 10:03* | *03/23/26 13:51* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9672-6**
**Matrix: Solid**
**Date Collected: 03/17/26 00:00**
**Date Received: 03/17/26 16:30**

### 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 | | | 03/23/26 13:51 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/23/26 21:59 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 21:59 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 21:59 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 21:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *118* | | *70 - 130* | *03/18/26 13:45* | *03/23/26 21:59* | *1* |
| *o-Terphenyl (Surr)* | *124* | | *70 - 130* | *03/18/26 13:45* | *03/23/26 21:59* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **279** | | 10.0 | | mg/Kg | | | 03/19/26 22:33 | 1 |

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

**Lab Sample ID: 890-9672-7**
**Matrix: Solid**
**Date Collected: 03/17/26 00:00**
**Date Received: 03/17/26 16:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 14:11 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 14:11 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 14:11 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 14:11 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 14:11 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 14:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *131* | *S1+* | *70 - 130* | *03/23/26 10:03* | *03/23/26 14:11* | *1* |
| *1,4-Difluorobenzene (Surr)* | *108* | | *70 - 130* | *03/23/26 10:03* | *03/23/26 14:11* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 03/23/26 14:11 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 03/23/26 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 | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 22:40 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 22:40 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9672-7**
**Date Collected: 03/17/26 00:00**
**Matrix: Solid**
**Date Received: 03/17/26 16:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 22:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *132* | *S1+* | *70 - 130* | *03/18/26 13:45* | *03/23/26 22:40* | *1* |
| *o-Terphenyl (Surr)* | *144* | *S1+* | *70 - 130* | *03/18/26 13:45* | *03/23/26 22:40* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **182** | | 10.0 | | mg/Kg | | | 03/19/26 22:38 | 1 |

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

**Lab Sample ID: 890-9672-8**
**Date Collected: 03/17/26 00:00**
**Matrix: Solid**
**Date Received: 03/17/26 16:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 14:32 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 14:32 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 14:32 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 14:32 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 14:32 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 14:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *129* | | *70 - 130* | *03/23/26 10:03* | *03/23/26 14:32* | *1* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* | *03/23/26 10:03* | *03/23/26 14:32* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 03/23/26 14:32 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 03/23/26 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 | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 23:00 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 23:00 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 23:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *135* | *S1+* | *70 - 130* | *03/18/26 13:45* | *03/23/26 23:00* | *1* |
| *o-Terphenyl (Surr)* | *149* | *S1+* | *70 - 130* | *03/18/26 13:45* | *03/23/26 23:00* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **129** | | 9.98 | | mg/Kg | | | 03/19/26 22:43 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9672-9**
**Date Collected: 03/17/26 00:00**
**Matrix: Solid**
**Date Received: 03/17/26 16:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 14:52 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 14:52 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 14:52 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 14:52 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 14:52 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 14:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *70 - 130* | *03/23/26 10:03* | *03/23/26 14:52* | *1* |
| *1,4-Difluorobenzene (Surr)* | *93* | | *70 - 130* | *03/23/26 10:03* | *03/23/26 14:52* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 03/23/26 14:52 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 03/23/26 23:21 | 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 | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 23:21 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 23:21 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 23:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *126* | | *70 - 130* | *03/18/26 13:45* | *03/23/26 23:21* | *1* |
| *o-Terphenyl (Surr)* | *125* | | *70 - 130* | *03/18/26 13:45* | *03/23/26 23:21* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **198** | | 10.0 | | mg/Kg | | | 03/19/26 22:49 | 1 |

## Client Sample ID: H - 10 (0-0.5')

**Lab Sample ID: 890-9672-10**
**Date Collected: 03/17/26 00:00**
**Matrix: Solid**
**Date Received: 03/17/26 16:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 15:13 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 15:13 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 15:13 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 15:13 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 15:13 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 15:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *130* | | *70 - 130* | *03/23/26 10:03* | *03/23/26 15:13* | *1* |
| *1,4-Difluorobenzene (Surr)* | *107* | | *70 - 130* | *03/23/26 10:03* | *03/23/26 15:13* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
SDG: Lea County New Mexico

## Client Sample ID: H - 10 (0-0.5')

**Lab Sample ID: 890-9672-10**
**Matrix: Solid**
**Date Collected: 03/17/26 00:00**
**Date Received: 03/17/26 16:30**

### 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 | | | 03/23/26 15:13 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/23/26 23:41 | 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 | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 23:41 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 23:41 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 23:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *139* | *S1+* | *70 - 130* | *03/18/26 13:45* | *03/23/26 23:41* | *1* |
| *o-Terphenyl (Surr)* | *150* | *S1+* | *70 - 130* | *03/18/26 13:45* | *03/23/26 23:41* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **59.0** | | 9.96 | | mg/Kg | | | 03/19/26 22:54 | 1 |

## Client Sample ID: H - 11 (0-0.5')

**Lab Sample ID: 890-9672-11**
**Matrix: Solid**
**Date Collected: 03/17/26 00:00**
**Date Received: 03/17/26 16:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 16:48 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 16:48 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 16:48 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 16:48 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 16:48 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 16:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *129* | | *70 - 130* | *03/23/26 10:03* | *03/23/26 16:48* | *1* |
| *1,4-Difluorobenzene (Surr)* | *105* | | *70 - 130* | *03/23/26 10:03* | *03/23/26 16:48* | *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 | | | 03/23/26 16:48 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 03/24/26 00:01 | 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 | | 03/18/26 13:45 | 03/24/26 00:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 13:45 | 03/24/26 00:01 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
SDG: Lea County New Mexico

**Client Sample ID: H - 11 (0-0.5')**
**Date Collected: 03/17/26 00:00**
**Date Received: 03/17/26 16:30**

**Lab Sample ID: 890-9672-11**
**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 | | 03/18/26 13:45 | 03/24/26 00:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *132* | *S1+* | *70 - 130* | *03/18/26 13:45* | *03/24/26 00:01* | *1* |
| *o-Terphenyl (Surr)* | *144* | *S1+* | *70 - 130* | *03/18/26 13:45* | *03/24/26 00:01* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **54.5** | | 10.0 | | mg/Kg | | | 03/19/26 22:59 | 1 |

# Surrogate Summary

Client: Carmona Resources
Project/Site: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
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) |
| 890-9672-1 | H - 1 (0-0.5') | 129 | 105 |
| 890-9672-1 MS | H - 1 (0-0.5') | 85 | 83 |
| 890-9672-1 MSD | H - 1 (0-0.5') | 120 | 96 |
| 890-9672-2 | H - 2 (0-0.5') | 132 S1+ | 106 |
| 890-9672-3 | H - 3 (0-0.5') | 124 | 102 |
| 890-9672-4 | H - 4 (0-0.5') | 128 | 105 |
| 890-9672-5 | H - 5 (0-0.5') | 116 | 97 |
| 890-9672-6 | H - 6 (0-0.5') | 139 S1+ | 109 |
| 890-9672-7 | H - 7 (0-0.5') | 131 S1+ | 108 |
| 890-9672-8 | H - 8 (0-0.5') | 129 | 95 |
| 890-9672-9 | H - 9 (0-0.5') | 110 | 93 |
| 890-9672-10 | H - 10 (0-0.5') | 130 | 107 |
| 890-9672-11 | H - 11 (0-0.5') | 129 | 105 |
| LCS 880-135610/1-A | Lab Control Sample | 86 | 91 |
| LCSD 880-135610/2-A | Lab Control Sample Dup | 111 | 103 |
| MB 880-135610/5-A | Method Blank | 121 | 99 |

**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) |
| 890-9665-A-9-B MS | Matrix Spike | 122 | 113 |
| 890-9665-A-9-C MSD | Matrix Spike Duplicate | 124 | 116 |
| 890-9672-1 | H - 1 (0-0.5') | 109 | 134 S1+ |
| 890-9672-2 | H - 2 (0-0.5') | 130 | 141 S1+ |
| 890-9672-3 | H - 3 (0-0.5') | 142 S1+ | 155 S1+ |
| 890-9672-4 | H - 4 (0-0.5') | 140 S1+ | 151 S1+ |
| 890-9672-5 | H - 5 (0-0.5') | 133 S1+ | 146 S1+ |
| 890-9672-6 | H - 6 (0-0.5') | 118 | 124 |
| 890-9672-7 | H - 7 (0-0.5') | 132 S1+ | 144 S1+ |
| 890-9672-8 | H - 8 (0-0.5') | 135 S1+ | 149 S1+ |
| 890-9672-9 | H - 9 (0-0.5') | 126 | 125 |
| 890-9672-10 | H - 10 (0-0.5') | 139 S1+ | 150 S1+ |
| 890-9672-11 | H - 11 (0-0.5') | 132 S1+ | 144 S1+ |
| LCS 880-135290/2-A | Lab Control Sample | 120 | 109 |
| LCSD 880-135290/3-A | Lab Control Sample Dup | 115 | 107 |
| MB 880-135290/1-A | Method Blank | 93 | 102 |

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

# QC Sample Results

Client: Carmona Resources
Project/Site: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
SDG: Lea County New Mexico

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

**Lab Sample ID: MB 880-135610/5-A**
**Matrix: Solid**
**Analysis Batch: 135601**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135610**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 11:46 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 11:46 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 11:46 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 11:46 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 11:46 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 10:03 | 03/23/26 11:46 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *121* | | *70 - 130* | *03/23/26 10:03* | *03/23/26 11:46* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *03/23/26 10:03* | *03/23/26 11:46* | *1* |

**Lab Sample ID: LCS 880-135610/1-A**
**Matrix: Solid**
**Analysis Batch: 135601**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135610**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1012 | | mg/Kg | | 101 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.09132 | | mg/Kg | | 91 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.09842 | | mg/Kg | | 98 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2065 | | mg/Kg | | 103 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.09475 | | mg/Kg | | 95 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *91* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135610/2-A**
**Matrix: Solid**
**Analysis Batch: 135601**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135610**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1168 | | mg/Kg | | 117 | 70 - 130 | 14 | 35 |
| Toluene | | | 0.100 | 0.1056 | | mg/Kg | | 106 | 70 - 130 | 14 | 35 |
| Ethylbenzene | | | 0.100 | 0.1066 | | mg/Kg | | 107 | 70 - 130 | 8 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2291 | | mg/Kg | | 115 | 70 - 130 | 10 | 35 |
| o-Xylene | | | 0.100 | 0.1186 | | mg/Kg | | 119 | 70 - 130 | 22 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *111* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* |

**Lab Sample ID: 890-9672-1 MS**
**Matrix: Solid**
**Analysis Batch: 135601**

**Client Sample ID: H - 1 (0-0.5')**
**Prep Type: Total/NA**
**Prep Batch: 135610**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.08377 | | mg/Kg | | 84 | 70 - 130 | | |
| Toluene | <0.00200 | U | 0.100 | 0.07985 | | mg/Kg | | 80 | 70 - 130 | | |

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# QC Sample Results

Client: Carmona Resources
Project/Site: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9672-1 MS**
**Matrix: Solid**
**Analysis Batch: 135601**

**Client Sample ID: H - 1 (0-0.5')**
**Prep Type: Total/NA**
**Prep Batch: 135610**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | <0.00200 | U | 0.100 | 0.09140 | | mg/Kg | | 91 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1723 | | mg/Kg | | 86 | 70 - 130 |
| o-Xylene | <0.00200 | U F2 | 0.100 | 0.08052 | | mg/Kg | | 81 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *85* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *83* | | *70 - 130* |

**Lab Sample ID: 890-9672-1 MSD**
**Matrix: Solid**
**Analysis Batch: 135601**

**Client Sample ID: H - 1 (0-0.5')**
**Prep Type: Total/NA**
**Prep Batch: 135610**

| 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 | 0.1044 | | mg/Kg | | 104 | 70 - 130 | 22 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.09563 | | mg/Kg | | 96 | 70 - 130 | 18 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.08720 | | mg/Kg | | 87 | 70 - 130 | 5 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1838 | | mg/Kg | | 92 | 70 - 130 | 6 | 35 |
| o-Xylene | <0.00200 | U F2 | 0.100 | 0.1209 | F2 | mg/Kg | | 121 | 70 - 130 | 40 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *120* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* |

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

**Lab Sample ID: MB 880-135290/1-A**
**Matrix: Solid**
**Analysis Batch: 135673**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135290**

| 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 | | 03/18/26 13:45 | 03/23/26 12:14 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 12:14 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 13:45 | 03/23/26 12:14 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *93* | | *70 - 130* | *03/18/26 13:45* | *03/23/26 12:14* | *1* |
| *o-Terphenyl (Surr)* | *102* | | *70 - 130* | *03/18/26 13:45* | *03/23/26 12:14* | *1* |

**Lab Sample ID: LCS 880-135290/2-A**
**Matrix: Solid**
**Analysis Batch: 135673**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135290**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 986.9 | | mg/Kg | | 99 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 1009 | | mg/Kg | | 101 | 70 - 130 |

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# QC Sample Results

Client: Carmona Resources
Project/Site: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
SDG: Lea County New Mexico

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

**Lab Sample ID: LCS 880-135290/2-A**
**Matrix: Solid**
**Analysis Batch: 135673**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135290**

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 120 | | 70 - 130 |
| o-Terphenyl (Surr) | 109 | | 70 - 130 |

**Lab Sample ID: LCSD 880-135290/3-A**
**Matrix: Solid**
**Analysis Batch: 135673**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135290**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 953.7 | | mg/Kg | | 95 | 70 - 130 | 3 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 974.7 | | mg/Kg | | 97 | 70 - 130 | 3 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 115 | | 70 - 130 |
| o-Terphenyl (Surr) | 107 | | 70 - 130 |

**Lab Sample ID: 890-9665-A-9-B MS**
**Matrix: Solid**
**Analysis Batch: 135673**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 135290**

| 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 | 833.4 | | mg/Kg | | 83 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 852.9 | | mg/Kg | | 83 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 122 | | 70 - 130 |
| o-Terphenyl (Surr) | 113 | | 70 - 130 |

**Lab Sample ID: 890-9665-A-9-C MSD**
**Matrix: Solid**
**Analysis Batch: 135673**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 135290**

| 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 | 851.5 | | mg/Kg | | 85 | 70 - 130 | 2 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 877.7 | | mg/Kg | | 86 | 70 - 130 | 3 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 124 | | 70 - 130 |
| o-Terphenyl (Surr) | 116 | | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
SDG: Lea County New Mexico

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-135337/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 135399**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 03/19/26 21:30 | 1 |

**Lab Sample ID: LCS 880-135337/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 135399**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 246.6 | | mg/Kg | | 99 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-135337/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 135399**

| 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 |

**Lab Sample ID: 890-9672-1 MS** — **Client Sample ID: H - 1 (0-0.5')**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 135399**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 175 | | 251 | 413.5 | | mg/Kg | | 95 | 90 - 110 | | |

**Lab Sample ID: 890-9672-1 MSD** — **Client Sample ID: H - 1 (0-0.5')**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 135399**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 175 | | 251 | 414.6 | | mg/Kg | | 95 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 890-9672-11 MS** — **Client Sample ID: H - 11 (0-0.5')**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 135399**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 54.5 | | 251 | 306.9 | | mg/Kg | | 101 | 90 - 110 | | |

**Lab Sample ID: 890-9672-11 MSD** — **Client Sample ID: H - 11 (0-0.5')**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 135399**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 54.5 | | 251 | 308.0 | | mg/Kg | | 101 | 90 - 110 | 0 | 20 |

# QC Association Summary

Client: Carmona Resources
Project/Site: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
SDG: Lea County New Mexico

## GC VOA

### Analysis Batch: 135601

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9672-1 | H - 1 (0-0.5') | Total/NA | Solid | 8021B | 135610 |
| 890-9672-2 | H - 2 (0-0.5') | Total/NA | Solid | 8021B | 135610 |
| 890-9672-3 | H - 3 (0-0.5') | Total/NA | Solid | 8021B | 135610 |
| 890-9672-4 | H - 4 (0-0.5') | Total/NA | Solid | 8021B | 135610 |
| 890-9672-5 | H - 5 (0-0.5') | Total/NA | Solid | 8021B | 135610 |
| 890-9672-6 | H - 6 (0-0.5') | Total/NA | Solid | 8021B | 135610 |
| 890-9672-7 | H - 7 (0-0.5') | Total/NA | Solid | 8021B | 135610 |
| 890-9672-8 | H - 8 (0-0.5') | Total/NA | Solid | 8021B | 135610 |
| 890-9672-9 | H - 9 (0-0.5') | Total/NA | Solid | 8021B | 135610 |
| 890-9672-10 | H - 10 (0-0.5') | Total/NA | Solid | 8021B | 135610 |
| 890-9672-11 | H - 11 (0-0.5') | Total/NA | Solid | 8021B | 135610 |
| MB 880-135610/5-A | Method Blank | Total/NA | Solid | 8021B | 135610 |
| LCS 880-135610/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 135610 |
| LCSD 880-135610/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 135610 |
| 890-9672-1 MS | H - 1 (0-0.5') | Total/NA | Solid | 8021B | 135610 |
| 890-9672-1 MSD | H - 1 (0-0.5') | Total/NA | Solid | 8021B | 135610 |

### Prep Batch: 135610

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9672-1 | H - 1 (0-0.5') | Total/NA | Solid | 5035 | |
| 890-9672-2 | H - 2 (0-0.5') | Total/NA | Solid | 5035 | |
| 890-9672-3 | H - 3 (0-0.5') | Total/NA | Solid | 5035 | |
| 890-9672-4 | H - 4 (0-0.5') | Total/NA | Solid | 5035 | |
| 890-9672-5 | H - 5 (0-0.5') | Total/NA | Solid | 5035 | |
| 890-9672-6 | H - 6 (0-0.5') | Total/NA | Solid | 5035 | |
| 890-9672-7 | H - 7 (0-0.5') | Total/NA | Solid | 5035 | |
| 890-9672-8 | H - 8 (0-0.5') | Total/NA | Solid | 5035 | |
| 890-9672-9 | H - 9 (0-0.5') | Total/NA | Solid | 5035 | |
| 890-9672-10 | H - 10 (0-0.5') | Total/NA | Solid | 5035 | |
| 890-9672-11 | H - 11 (0-0.5') | Total/NA | Solid | 5035 | |
| MB 880-135610/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-135610/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-135610/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 890-9672-1 MS | H - 1 (0-0.5') | Total/NA | Solid | 5035 | |
| 890-9672-1 MSD | H - 1 (0-0.5') | Total/NA | Solid | 5035 | |

### Analysis Batch: 135721

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9672-1 | H - 1 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 890-9672-2 | H - 2 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 890-9672-3 | H - 3 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 890-9672-4 | H - 4 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 890-9672-5 | H - 5 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 890-9672-6 | H - 6 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 890-9672-7 | H - 7 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 890-9672-8 | H - 8 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 890-9672-9 | H - 9 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 890-9672-10 | H - 10 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 890-9672-11 | H - 11 (0-0.5') | Total/NA | Solid | Total BTEX | |

# QC Association Summary

Client: Carmona Resources
Project/Site: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
SDG: Lea County New Mexico

## GC Semi VOA

### Prep Batch: 135290

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9672-1 | H - 1 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9672-2 | H - 2 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9672-3 | H - 3 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9672-4 | H - 4 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9672-5 | H - 5 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9672-6 | H - 6 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9672-7 | H - 7 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9672-8 | H - 8 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9672-9 | H - 9 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9672-10 | H - 10 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 890-9672-11 | H - 11 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-135290/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-135290/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-135290/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-9665-A-9-B MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 890-9665-A-9-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 135673

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9672-1 | H - 1 (0-0.5') | Total/NA | Solid | 8015B NM | 135290 |
| 890-9672-2 | H - 2 (0-0.5') | Total/NA | Solid | 8015B NM | 135290 |
| 890-9672-3 | H - 3 (0-0.5') | Total/NA | Solid | 8015B NM | 135290 |
| 890-9672-4 | H - 4 (0-0.5') | Total/NA | Solid | 8015B NM | 135290 |
| 890-9672-5 | H - 5 (0-0.5') | Total/NA | Solid | 8015B NM | 135290 |
| 890-9672-6 | H - 6 (0-0.5') | Total/NA | Solid | 8015B NM | 135290 |
| 890-9672-7 | H - 7 (0-0.5') | Total/NA | Solid | 8015B NM | 135290 |
| 890-9672-8 | H - 8 (0-0.5') | Total/NA | Solid | 8015B NM | 135290 |
| 890-9672-9 | H - 9 (0-0.5') | Total/NA | Solid | 8015B NM | 135290 |
| 890-9672-10 | H - 10 (0-0.5') | Total/NA | Solid | 8015B NM | 135290 |
| 890-9672-11 | H - 11 (0-0.5') | Total/NA | Solid | 8015B NM | 135290 |
| MB 880-135290/1-A | Method Blank | Total/NA | Solid | 8015B NM | 135290 |
| LCS 880-135290/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 135290 |
| LCSD 880-135290/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 135290 |
| 890-9665-A-9-B MS | Matrix Spike | Total/NA | Solid | 8015B NM | 135290 |
| 890-9665-A-9-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 135290 |

### Analysis Batch: 135886

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9672-1 | H - 1 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 890-9672-2 | H - 2 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 890-9672-3 | H - 3 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 890-9672-4 | H - 4 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 890-9672-5 | H - 5 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 890-9672-6 | H - 6 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 890-9672-7 | H - 7 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 890-9672-8 | H - 8 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 890-9672-9 | H - 9 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 890-9672-10 | H - 10 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 890-9672-11 | H - 11 (0-0.5') | Total/NA | Solid | 8015 NM | |

# QC Association Summary

Client: Carmona Resources
Project/Site: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
SDG: Lea County New Mexico

## HPLC/IC

### Leach Batch: 135337

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9672-1 | H - 1 (0-0.5') | Soluble | Solid | DI Leach | |
| 890-9672-2 | H - 2 (0-0.5') | Soluble | Solid | DI Leach | |
| 890-9672-3 | H - 3 (0-0.5') | Soluble | Solid | DI Leach | |
| 890-9672-4 | H - 4 (0-0.5') | Soluble | Solid | DI Leach | |
| 890-9672-5 | H - 5 (0-0.5') | Soluble | Solid | DI Leach | |
| 890-9672-6 | H - 6 (0-0.5') | Soluble | Solid | DI Leach | |
| 890-9672-7 | H - 7 (0-0.5') | Soluble | Solid | DI Leach | |
| 890-9672-8 | H - 8 (0-0.5') | Soluble | Solid | DI Leach | |
| 890-9672-9 | H - 9 (0-0.5') | Soluble | Solid | DI Leach | |
| 890-9672-10 | H - 10 (0-0.5') | Soluble | Solid | DI Leach | |
| 890-9672-11 | H - 11 (0-0.5') | Soluble | Solid | DI Leach | |
| MB 880-135337/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-135337/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-135337/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 890-9672-1 MS | H - 1 (0-0.5') | Soluble | Solid | DI Leach | |
| 890-9672-1 MSD | H - 1 (0-0.5') | Soluble | Solid | DI Leach | |
| 890-9672-11 MS | H - 11 (0-0.5') | Soluble | Solid | DI Leach | |
| 890-9672-11 MSD | H - 11 (0-0.5') | Soluble | Solid | DI Leach | |

### Analysis Batch: 135399

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 890-9672-1 | H - 1 (0-0.5') | Soluble | Solid | 300.0 | 135337 |
| 890-9672-2 | H - 2 (0-0.5') | Soluble | Solid | 300.0 | 135337 |
| 890-9672-3 | H - 3 (0-0.5') | Soluble | Solid | 300.0 | 135337 |
| 890-9672-4 | H - 4 (0-0.5') | Soluble | Solid | 300.0 | 135337 |
| 890-9672-5 | H - 5 (0-0.5') | Soluble | Solid | 300.0 | 135337 |
| 890-9672-6 | H - 6 (0-0.5') | Soluble | Solid | 300.0 | 135337 |
| 890-9672-7 | H - 7 (0-0.5') | Soluble | Solid | 300.0 | 135337 |
| 890-9672-8 | H - 8 (0-0.5') | Soluble | Solid | 300.0 | 135337 |
| 890-9672-9 | H - 9 (0-0.5') | Soluble | Solid | 300.0 | 135337 |
| 890-9672-10 | H - 10 (0-0.5') | Soluble | Solid | 300.0 | 135337 |
| 890-9672-11 | H - 11 (0-0.5') | Soluble | Solid | 300.0 | 135337 |
| MB 880-135337/1-A | Method Blank | Soluble | Solid | 300.0 | 135337 |
| LCS 880-135337/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 135337 |
| LCSD 880-135337/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 135337 |
| 890-9672-1 MS | H - 1 (0-0.5') | Soluble | Solid | 300.0 | 135337 |
| 890-9672-1 MSD | H - 1 (0-0.5') | Soluble | Solid | 300.0 | 135337 |
| 890-9672-11 MS | H - 11 (0-0.5') | Soluble | Solid | 300.0 | 135337 |
| 890-9672-11 MSD | H - 11 (0-0.5') | Soluble | Solid | 300.0 | 135337 |

# Lab Chronicle

Client: Carmona Resources
Project/Site: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9672-1**
**Matrix: Solid**
**Date Collected: 03/17/26 00:00**
**Date Received: 03/17/26 16:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135610 | 03/23/26 10:03 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135601 | 03/23/26 12:08 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135721 | 03/23/26 12:08 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135886 | 03/23/26 20:17 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 135290 | 03/18/26 13:45 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135673 | 03/23/26 20:17 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135337 | 03/18/26 19:02 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135399 | 03/19/26 21:46 | CS | EET MID |

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

**Lab Sample ID: 890-9672-2**
**Matrix: Solid**
**Date Collected: 03/17/26 00:00**
**Date Received: 03/17/26 16:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135610 | 03/23/26 10:03 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135601 | 03/23/26 12:28 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135721 | 03/23/26 12:28 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135886 | 03/23/26 20:38 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135290 | 03/18/26 13:45 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135673 | 03/23/26 20:38 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 135337 | 03/18/26 19:02 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135399 | 03/19/26 22:01 | CS | EET MID |

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

**Lab Sample ID: 890-9672-3**
**Matrix: Solid**
**Date Collected: 03/17/26 00:00**
**Date Received: 03/17/26 16:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135610 | 03/23/26 10:03 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135601 | 03/23/26 12:49 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135721 | 03/23/26 12:49 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135886 | 03/23/26 20:58 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10.00 mL | 135290 | 03/18/26 13:45 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135673 | 03/23/26 20:58 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 135337 | 03/18/26 19:02 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135399 | 03/19/26 22:07 | CS | EET MID |

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

**Lab Sample ID: 890-9672-4**
**Matrix: Solid**
**Date Collected: 03/17/26 00:00**
**Date Received: 03/17/26 16:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135610 | 03/23/26 10:03 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135601 | 03/23/26 13:10 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135721 | 03/23/26 13:10 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9672-4**
**Matrix: Solid**
**Date Collected: 03/17/26 00:00**
**Date Received: 03/17/26 16:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 135886 | 03/23/26 21:19 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135290 | 03/18/26 13:45 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135673 | 03/23/26 21:19 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 135337 | 03/18/26 19:02 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135399 | 03/19/26 22:12 | CS | EET MID |

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

**Lab Sample ID: 890-9672-5**
**Matrix: Solid**
**Date Collected: 03/17/26 00:00**
**Date Received: 03/17/26 16:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 135610 | 03/23/26 10:03 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135601 | 03/23/26 13:30 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135721 | 03/23/26 13:30 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135886 | 03/23/26 21:39 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135290 | 03/18/26 13:45 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135673 | 03/23/26 21:39 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 135337 | 03/18/26 19:02 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135399 | 03/19/26 22:17 | CS | EET MID |

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

**Lab Sample ID: 890-9672-6**
**Matrix: Solid**
**Date Collected: 03/17/26 00:00**
**Date Received: 03/17/26 16:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135610 | 03/23/26 10:03 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135601 | 03/23/26 13:51 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135721 | 03/23/26 13:51 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135886 | 03/23/26 21:59 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135290 | 03/18/26 13:45 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135673 | 03/23/26 21:59 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135337 | 03/18/26 19:02 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135399 | 03/19/26 22:33 | CS | EET MID |

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

**Lab Sample ID: 890-9672-7**
**Matrix: Solid**
**Date Collected: 03/17/26 00:00**
**Date Received: 03/17/26 16:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135610 | 03/23/26 10:03 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135601 | 03/23/26 14:11 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135721 | 03/23/26 14:11 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135886 | 03/23/26 22:40 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135290 | 03/18/26 13:45 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135673 | 03/23/26 22:40 | FC | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9672-7**
**Matrix: Solid**
**Date Collected: 03/17/26 00:00**
**Date Received: 03/17/26 16:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135337 | 03/18/26 19:02 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135399 | 03/19/26 22:38 | CS | EET MID |

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

**Lab Sample ID: 890-9672-8**
**Matrix: Solid**
**Date Collected: 03/17/26 00:00**
**Date Received: 03/17/26 16:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135610 | 03/23/26 10:03 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135601 | 03/23/26 14:32 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135721 | 03/23/26 14:32 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135886 | 03/23/26 23:00 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135290 | 03/18/26 13:45 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135673 | 03/23/26 23:00 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 135337 | 03/18/26 19:02 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135399 | 03/19/26 22:43 | CS | EET MID |

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

**Lab Sample ID: 890-9672-9**
**Matrix: Solid**
**Date Collected: 03/17/26 00:00**
**Date Received: 03/17/26 16:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135610 | 03/23/26 10:03 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135601 | 03/23/26 14:52 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135721 | 03/23/26 14:52 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135886 | 03/23/26 23:21 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135290 | 03/18/26 13:45 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135673 | 03/23/26 23:21 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 135337 | 03/18/26 19:02 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135399 | 03/19/26 22:49 | CS | EET MID |

## Client Sample ID: H - 10 (0-0.5')

**Lab Sample ID: 890-9672-10**
**Matrix: Solid**
**Date Collected: 03/17/26 00:00**
**Date Received: 03/17/26 16:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 135610 | 03/23/26 10:03 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135601 | 03/23/26 15:13 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135721 | 03/23/26 15:13 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135886 | 03/23/26 23:41 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135290 | 03/18/26 13:45 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135673 | 03/23/26 23:41 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135337 | 03/18/26 19:02 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135399 | 03/19/26 22:54 | CS | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
SDG: Lea County New Mexico

**Client Sample ID: H - 11 (0-0.5')**
**Date Collected: 03/17/26 00:00**
**Date Received: 03/17/26 16:30**

**Lab Sample ID: 890-9672-11**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135610 | 03/23/26 10:03 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135601 | 03/23/26 16:48 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135721 | 03/23/26 16:48 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135886 | 03/24/26 00:01 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135290 | 03/18/26 13:45 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135673 | 03/24/26 00:01 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 135337 | 03/18/26 19:02 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135399 | 03/19/26 22:59 | 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: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
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: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
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: BERRY 2 (02.16.2026)

Job ID: 890-9672-1
SDG: Lea County New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 890-9672-1 | H - 1 (0-0.5') | Solid | 03/17/26 00:00 | 03/17/26 16:30 | New Mexico |
| 890-9672-2 | H - 2 (0-0.5') | Solid | 03/17/26 00:00 | 03/17/26 16:30 | New Mexico |
| 890-9672-3 | H - 3 (0-0.5') | Solid | 03/17/26 00:00 | 03/17/26 16:30 | New Mexico |
| 890-9672-4 | H - 4 (0-0.5') | Solid | 03/17/26 00:00 | 03/17/26 16:30 | New Mexico |
| 890-9672-5 | H - 5 (0-0.5') | Solid | 03/17/26 00:00 | 03/17/26 16:30 | New Mexico |
| 890-9672-6 | H - 6 (0-0.5') | Solid | 03/17/26 00:00 | 03/17/26 16:30 | New Mexico |
| 890-9672-7 | H - 7 (0-0.5') | Solid | 03/17/26 00:00 | 03/17/26 16:30 | New Mexico |
| 890-9672-8 | H - 8 (0-0.5') | Solid | 03/17/26 00:00 | 03/17/26 16:30 | New Mexico |
| 890-9672-9 | H - 9 (0-0.5') | Solid | 03/17/26 00:00 | 03/17/26 16:30 | New Mexico |
| 890-9672-10 | H - 10 (0-0.5') | Solid | 03/17/26 00:00 | 03/17/26 16:30 | New Mexico |
| 890-9672-11 | H - 11 (0-0.5') | Solid | 03/17/26 00:00 | 03/17/26 16:30 | New Mexico |

Released to Imaging: 4/15/2026 11:33:06 AM
Received by OCD: 4/2/2026 2:29:46 PM

# Chain of Custody

**Work Order No:** _____



| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | |
| Project Number: | 3161 | ☑ Routine ☐ Rush | |
| Project Location | Lea County, New Mexico | Due Date: | Standard |
| Sampler's Name: | JDC | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes (No) | Wet Ice: | (Yes) No |
| Received Intact: | (Yes) No | Thermometer ID: | Thmo7 |
| Cooler Custody Seals: | Yes No (N/A) | Correction Factor: | -0.2 |
| Sample Custody Seals: | Yes No (N/A) | Temperature Reading: | 2.4 |
| Total Containers: | | Corrected Temperature: | 2.2 |

890-9672 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H-1 (0-0.5') | 3/17/2026 | | X | | G | 1 | | X | X | X | | |
| H-2 (0-0.5') | 3/17/2026 | | X | | G | 1 | | X | X | X | | |
| H-3 (0-0.5') | 3/17/2026 | | X | | G | 1 | | X | X | X | | |
| H-4 (0-0.5') | 3/17/2026 | | X | | G | 1 | | X | X | X | | |
| H-5 (0-0.5') | 3/17/2026 | | X | | G | 1 | | X | X | X | | |
| H-6 (0-0.5') | 3/17/2026 | | X | | G | 1 | | X | X | X | | |
| H-7 (0-0.5') | 3/17/2026 | | X | | G | 1 | | X | X | X | | |
| H-8 (0-0.5') | 3/17/2026 | | X | | G | 1 | | X | X | X | | |
| H-9 (0-0.5') | 3/17/2026 | | X | | G | 1 | | X | X | X | | |
| H-10 (0-0.5') | 3/17/2026 | | X | | G | 1 | | X | X | X | | |

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 3/17 1630 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

Revised Date 05012020 Rev. 2020.1

Released to Imaging: 4/15/2026 11:33:06 AM
Received by OCD: 4/2/2026 2:29:46 PM

# Chain of Custody

**Work Order No:** _____



| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | ☑ Routine ☐ Rush |
| Project Number: | 3161 | Due Date: | Standard |
| 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: | Trimble2 |
| Cooler Custody Seals: | Yes No (N/A) | Correction Factor: | -0.2 |
| Sample Custody Seals: | Yes No (N/A) | Temperature Reading: | 2.4 |
| Total Containers: | | Corrected Temperature: | 2.2 |

**ANALYSIS REQUEST**

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Pres. Code | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | | | | | | | | | | HOLD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H-11 (0-0.5') | 3/17/2026 | | X | | G | 1 | | X | X | X | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | |

**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 Comments**

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 3/17 1630 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

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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: 890-6692.1 |
|---|---|---|---|---|
| Client Contact: Shipping/Receiving | Phone: N/A | E-Mail: Jessica.Kramer@et.eurofinsus.com | State of Origin: New Mexico | Page: Page 1 of 2 |
| Company: Eurofins Environment Testing South Centr | | Accreditations Required (See note): NELAP - Texas | | Job #: 890-9672-1 |
| Address: 1211 W. Florida Ave, , | Due Date Requested: 3/23/2026 | | | 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: BERRY 2 (02.16.2026) | Project #: 89000237 | | | |
| Site: N/A | SSOW#: N/A | | | Other: N/A |

Analysis Requested

| 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: | | | | | | | | | | | | | | | | | | | | |
| H - 1 (0-0.5') (890-9672-1) | 3/17/26 | Mountain | G | Solid | | | X | X | X | X | X | | | | | | | | 1 | |
| H - 2 (0-0.5') (890-9672-2) | 3/17/26 | Mountain | G | Solid | | | X | X | X | X | X | | | | | | | | 1 | |
| H - 3 (0-0.5') (890-9672-3) | 3/17/26 | Mountain | G | Solid | | | X | X | X | X | X | | | | | | | | 1 | |
| H - 4 (0-0.5') (890-9672-4) | 3/17/26 | Mountain | G | Solid | | | X | X | X | X | X | | | | | | | | 1 | |
| H - 5 (0-0.5') (890-9672-5) | 3/17/26 | Mountain | G | Solid | | | X | X | X | X | X | | | | | | | | 1 | |
| H - 6 (0-0.5') (890-9672-6) | 3/17/26 | Mountain | G | Solid | | | X | X | X | X | X | | | | | | | | 1 | |
| H - 7 (0-0.5') (890-9672-7) | 3/17/26 | Mountain | G | Solid | | | X | X | X | X | X | | | | | | | | 1 | |
| H - 8 (0-0.5') (890-9672-8) | 3/17/26 | Mountain | G | Solid | | | X | X | X | X | X | | | | | | | | 1 | |
| H - 9 (0-0.5') (890-9672-9) | 3/17/26 | 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 | Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month) |
|---|---|
| Unconfirmed | ☐ 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: | 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: |
|---|---|---|

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3/25/2026
Released to Imaging: 4/15/2026 11:33:06 AM

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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: 890-6692.2 |
|---|---|---|---|---|
| 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 - Texas | | Job #: 890-9672-1 |
| Address: 1211 W. Florida Ave, , | Due Date Requested: 3/23/2026 | | | 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: BERRY 2 (02.16.2026) | Project #: 89000237 | | | |
| Site: N/A | SSOW#: N/A | | | Other: N/A |

Analysis Requested

| 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: | | | | | | | | | | |
| H - 10 (0-0.5') (890-9672-10) | 3/17/26 | Mountain | G | Solid | | | X | X | X | X | X | 1 | |
| H - 11 (0-0.5') (890-9672-11) | 3/17/26 | 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 |
|---|---|---|---|---|---|
| | 3/18 1630 | | | 3-19-26 800 | |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | 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: 4/2/2026 2:29:46 PM
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3/25/2026
Released to Imaging: 4/15/2026 11:33:06 AM

# Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9672-1
SDG Number: Lea County New Mexico

**Login Number: 9672**
**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: 890-9672-1
SDG Number: Lea County New Mexico

**Login Number: 9672**
**List Number: 2**
**Creator: Dyal, Erica**

**List Source: Eurofins Midland**
**List Creation: 03/19/26 09:02 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

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## JOB DESCRIPTION

Berry 2 (02.16.2026)
Lea County New Mexico

## JOB NUMBER

880-69773-1

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

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Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Laboratory Job ID: 880-69773-1
SDG: Lea County New Mexico

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# Definitions/Glossary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Qualifiers

### GC VOA

| Qualifier | Qualifier Description |
|---|---|
| *- | LCS and/or LCSD is outside acceptance limits, low biased. |
| *+ | LCS and/or LCSD is outside acceptance limits, high biased. |
| *1 | LCS/LCSD RPD exceeds control limits. |
| S1- | Surrogate recovery exceeds control limits, low biased. |
| S1+ | Surrogate recovery exceeds control limits, high biased. |
| U | Indicates the analyte was analyzed for but not detected. |

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| *- | 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. |

### HPLC/IC

| Qualifier | Qualifier Description |
|---|---|
| 4 | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |
| E | Result exceeded calibration range. |
| 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 |

# Definitions/Glossary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Glossary (Continued)

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

# Case Narrative

Client: Carmona Resources
Project: Berry 2 (02.16.2026)

Job ID: 880-69773-1

## Job ID: 880-69773-1 Eurofins Midland

**Job Narrative**
**880-69773-1**

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 3/18/2026 3:35 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.3°C.

**GC VOA**
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-135258 and 880-135592 and analytical batch 880-135586 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS - 27 (0.5') (880-69773-27), CS - 29 (0.5') (880-69773-29), CS - 30 (0.5') (880-69773-30), CS - 34 (0.5') (880-69773-34), CS - 35 (0.5') (880-69773-35), CS - 38 (0.5') (880-69773-38), CS - 39 (0.5') (880-69773-39) and CS - 40 (0.5') (880-69773-40). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) for preparation batch 880-135592 and analytical batch 880-135586 recovered outside control limits for the following analytes: Ethylbenzene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-135591 and analytical batch 880-135579 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS - 44 (0.5') (880-69773-44), CS - 45 (0.5') (880-69773-45), CS - 51 (0.5') (880-69773-51), CS - 52 (0.5') (880-69773-52), CS - 55 (0.5') (880-69773-55), CS - 56 (0.5') (880-69773-56) and CS - 60 (0.5') (880-69773-60). 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: The laboratory control sample (LCS) associated with preparation batch 880-135326 and analytical batch 880-135477 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-135477 recovered outside control limits for Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-135477/127).

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-135477 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 880-135477/154).

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS - 52 (0.5') (880-69773-52), CS -

# Case Narrative

Client: Carmona Resources
Project: Berry 2 (02.16.2026)

Job ID: 880-69773-1

## Job ID: 880-69773-1 (Continued) Eurofins Midland

53 (0.5') (880-69773-53), CS - 54 (0.5') (880-69773-54), CS - 55 (0.5') (880-69773-55), CS - 56 (0.5') (880-69773-56), CS - 58 (0.5') (880-69773-58), CS - 59 (0.5') (880-69773-59) and CS - 60 (0.5') (880-69773-60). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS - 43 (0.5') (880-69773-43), CS - 44 (0.5') (880-69773-44), CS - 45 (0.5') (880-69773-45), CS - 46 (0.5') (880-69773-46), CS - 47 (0.5') (880-69773-47), CS - 48 (0.5') (880-69773-48), CS - 49 (0.5') (880-69773-49), CS - 50 (0.5') (880-69773-50), (880-69773-A-41-B MS) and (880-69773-A-41-C MSD). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS - 9 (0.5') (880-69773-9), CS - 11 (0.5') (880-69773-11), CS - 14 (0.5') (880-69773-14), CS - 16 (0.5') (880-69773-16), CS - 17 (0.5') (880-69773-17), CS - 19 (0.5') (880-69773-19), (880-69773-A-1-B MS) and (880-69773-A-1-C MSD). Evidence of matrix interferences is not obvious.

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-135326 and analytical batch 880-135477 was outside the upper control limits.

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-135480 recovered outside control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-135480/131).

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-135327 and analytical batch 880-135480 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: The surrogate recovery for the blank associated with preparation batch 880-135329 and analytical batch 880-135480 was outside the upper control limits.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-135180 and analytical batch 880-135628 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**

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-135335 and analytical batch 880-135388 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 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-135336 and analytical batch 880-135396 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: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 1 (0.5')

**Lab Sample ID: 880-69773-1**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 22:05 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 22:05 | 1 |
| Ethylbenzene | <0.00200 | U *- *1 | 0.00200 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 22:05 | 1 |
| m,p-Xylenes | <0.00399 | U *- *1 | 0.00399 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 22:05 | 1 |
| o-Xylene | <0.00200 | U *- *1 | 0.00200 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 22:05 | 1 |
| Xylenes, Total | <0.00399 | U *- *1 | 0.00399 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 22:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* | *03/22/26 08:12* | *03/22/26 22:05* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/22/26 08:12* | *03/22/26 22:05* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 03/22/26 22:05 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 03/20/26 18:23 | 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 | | 03/18/26 17:23 | 03/20/26 18:23 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 18:23 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 18:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *96* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 18:23* | *1* |
| *o-Terphenyl (Surr)* | *130* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 18:23* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **351** | | 9.92 | | mg/Kg | | | 03/19/26 18:42 | 1 |

## Client Sample ID: CS - 2 (0.5')

**Lab Sample ID: 880-69773-2**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:12 | 03/22/26 22:25 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 22:25 | 1 |
| Ethylbenzene | <0.00201 | U *- *1 | 0.00201 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 22:25 | 1 |
| m,p-Xylenes | <0.00402 | U *- *1 | 0.00402 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 22:25 | 1 |
| o-Xylene | <0.00201 | U *- *1 | 0.00201 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 22:25 | 1 |
| Xylenes, Total | <0.00402 | U *- *1 | 0.00402 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 22:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *70 - 130* | *03/22/26 08:12* | *03/22/26 22:25* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *03/22/26 08:12* | *03/22/26 22:25* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 2 (0.5')

**Lab Sample ID: 880-69773-2**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | | 03/22/26 22:25 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 03/20/26 19:08 | 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 | | 03/18/26 17:23 | 03/20/26 19:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 19:08 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 19:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *92* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 19:08* | *1* |
| *o-Terphenyl (Surr)* | *118* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 19:08* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **651** | | 9.98 | | mg/Kg | | | 03/19/26 18:58 | 1 |

## Client Sample ID: CS - 3 (0.5')

**Lab Sample ID: 880-69773-3**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:12 | 03/22/26 22:46 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 22:46 | 1 |
| Ethylbenzene | <0.00202 | U *- *1 | 0.00202 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 22:46 | 1 |
| m,p-Xylenes | <0.00404 | U *- *1 | 0.00404 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 22:46 | 1 |
| o-Xylene | <0.00202 | U *- *1 | 0.00202 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 22:46 | 1 |
| Xylenes, Total | <0.00404 | U *- *1 | 0.00404 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 22:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *70 - 130* | *03/22/26 08:12* | *03/22/26 22:46* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *03/22/26 08:12* | *03/22/26 22:46* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 03/22/26 22:46 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 03/20/26 19:24 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U *- | 49.9 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 19:24 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 19:24 | 1 |

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# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 3 (0.5')

**Lab Sample ID: 880-69773-3**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/18/26 17:23 | 03/20/26 19:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *79* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 19:24* | *1* |
| *o-Terphenyl (Surr)* | *92* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 19:24* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1370** | | 50.2 | | mg/Kg | | | 03/19/26 19:03 | 5 |

## Client Sample ID: CS - 4 (0.5')

**Lab Sample ID: 880-69773-4**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:12 | 03/22/26 23:07 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 23:07 | 1 |
| Ethylbenzene | <0.00199 | U *- *1 | 0.00199 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 23:07 | 1 |
| m,p-Xylenes | <0.00398 | U *- *1 | 0.00398 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 23:07 | 1 |
| o-Xylene | <0.00199 | U *- *1 | 0.00199 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 23:07 | 1 |
| Xylenes, Total | <0.00398 | U *- *1 | 0.00398 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 23:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* | *03/22/26 08:12* | *03/22/26 23:07* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *03/22/26 08:12* | *03/22/26 23:07* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 03/22/26 23:07 | 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 | | | 03/20/26 19:39 | 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 | <49.9 | U *- | 49.9 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 19:39 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 19:39 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 19:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *85* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 19:39* | *1* |
| *o-Terphenyl (Surr)* | *113* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 19:39* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1430** | | 50.1 | | mg/Kg | | | 03/19/26 19:08 | 5 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 5 (0.5')

**Lab Sample ID: 880-69773-5**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:12 | 03/22/26 23:28 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 23:28 | 1 |
| Ethylbenzene | <0.00198 | U *- *1 | 0.00198 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 23:28 | 1 |
| m,p-Xylenes | <0.00396 | U *- *1 | 0.00396 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 23:28 | 1 |
| o-Xylene | <0.00198 | U *- *1 | 0.00198 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 23:28 | 1 |
| Xylenes, Total | <0.00396 | U *- *1 | 0.00396 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 23:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *116* | | *70 - 130* | *03/22/26 08:12* | *03/22/26 23:28* | *1* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* | *03/22/26 08:12* | *03/22/26 23:28* | *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 | | | 03/22/26 23:28 | 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 | | | 03/20/26 19:54 | 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 | | 03/18/26 17:23 | 03/20/26 19:54 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 19:54 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 19:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *81* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 19:54* | *1* |
| *o-Terphenyl (Surr)* | *103* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 19:54* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **243** | | 10.1 | | mg/Kg | | | 03/19/26 19:13 | 1 |

## Client Sample ID: CS - 6 (0.5')

**Lab Sample ID: 880-69773-6**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 23:48 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 23:48 | 1 |
| Ethylbenzene | <0.00200 | U *- *1 | 0.00200 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 23:48 | 1 |
| m,p-Xylenes | <0.00399 | U *- *1 | 0.00399 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 23:48 | 1 |
| o-Xylene | <0.00200 | U *- *1 | 0.00200 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 23:48 | 1 |
| Xylenes, Total | <0.00399 | U *- *1 | 0.00399 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 23:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *70 - 130* | *03/22/26 08:12* | *03/22/26 23:48* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *03/22/26 08:12* | *03/22/26 23:48* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 6 (0.5')

**Lab Sample ID: 880-69773-6**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 03/22/26 23:48 | 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 | | | 03/20/26 20:09 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U *- | 49.9 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 20:09 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 20:09 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 20:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *99* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 20:09* | *1* |
| *o-Terphenyl (Surr)* | *116* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 20:09* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2050** | | 49.8 | | mg/Kg | | | 03/19/26 19:29 | 5 |

## Client Sample ID: CS - 7 (0.5')

**Lab Sample ID: 880-69773-7**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:12 | 03/23/26 00:09 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 00:09 | 1 |
| Ethylbenzene | <0.00201 | U *- *1 | 0.00201 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 00:09 | 1 |
| m,p-Xylenes | <0.00402 | U *- *1 | 0.00402 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 00:09 | 1 |
| o-Xylene | <0.00201 | U *- *1 | 0.00201 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 00:09 | 1 |
| Xylenes, Total | <0.00402 | U *- *1 | 0.00402 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 00:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *108* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 00:09* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 00:09* | *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 | | | 03/23/26 00:09 | 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 | | | 03/20/26 20:25 | 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 | | 03/18/26 17:23 | 03/20/26 20:25 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 20:25 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 7 (0.5')

**Lab Sample ID: 880-69773-7**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/18/26 17:23 | 03/20/26 20:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *83* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 20:25* | *1* |
| *o-Terphenyl (Surr)* | *106* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 20:25* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **563** | | 9.90 | | mg/Kg | | | 03/19/26 19:34 | 1 |

## Client Sample ID: CS - 8 (0.5')

**Lab Sample ID: 880-69773-8**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:12 | 03/23/26 00:29 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 00:29 | 1 |
| Ethylbenzene | <0.00202 | U *- *1 | 0.00202 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 00:29 | 1 |
| m,p-Xylenes | <0.00404 | U *- *1 | 0.00404 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 00:29 | 1 |
| o-Xylene | <0.00202 | U *- *1 | 0.00202 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 00:29 | 1 |
| Xylenes, Total | <0.00404 | U *- *1 | 0.00404 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 00:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 00:29* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 00:29* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 03/23/26 00:29 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 03/20/26 20:40 | 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 | <49.8 | U *- | 49.8 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 20:40 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 20:40 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 20:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *75* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 20:40* | *1* |
| *o-Terphenyl (Surr)* | *95* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 20:40* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **618** | | 9.94 | | mg/Kg | | | 03/19/26 19:40 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 9 (0.5')

**Lab Sample ID: 880-69773-9**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:12 | 03/23/26 00:50 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 00:50 | 1 |
| Ethylbenzene | <0.00199 | U *- *1 | 0.00199 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 00:50 | 1 |
| m,p-Xylenes | <0.00398 | U *- *1 | 0.00398 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 00:50 | 1 |
| o-Xylene | <0.00199 | U *- *1 | 0.00199 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 00:50 | 1 |
| Xylenes, Total | <0.00398 | U *- *1 | 0.00398 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 00:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 00:50* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 00:50* | *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 | | | 03/23/26 00:50 | 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 | | | 03/20/26 20:56 | 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 | | 03/18/26 17:23 | 03/20/26 20:56 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 20:56 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 20:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *98* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 20:56* | *1* |
| *o-Terphenyl (Surr)* | *136* | *S1+* | *70 - 130* | *03/18/26 17:23* | *03/20/26 20:56* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1290** | | 10.1 | | mg/Kg | | | 03/19/26 19:45 | 1 |

## Client Sample ID: CS - 10 (0.5')

**Lab Sample ID: 880-69773-10**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:12 | 03/23/26 01:11 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 01:11 | 1 |
| Ethylbenzene | <0.00198 | U *- *1 | 0.00198 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 01:11 | 1 |
| m,p-Xylenes | <0.00396 | U *- *1 | 0.00396 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 01:11 | 1 |
| o-Xylene | <0.00198 | U *- *1 | 0.00198 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 01:11 | 1 |
| Xylenes, Total | <0.00396 | U *- *1 | 0.00396 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 01:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 01:11* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 01:11* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 10 (0.5')

**Lab Sample ID: 880-69773-10**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | | 03/23/26 01:11 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 03/20/26 21:11 | 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 | | 03/18/26 17:23 | 03/20/26 21:11 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 21:11 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 21:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *94* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 21:11* | *1* |
| *o-Terphenyl (Surr)* | *123* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 21:11* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2720** | | 50.1 | | mg/Kg | | | 03/19/26 19:50 | 5 |

## Client Sample ID: CS - 11 (0.5')

**Lab Sample ID: 880-69773-11**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 02:34 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 02:34 | 1 |
| Ethylbenzene | <0.00200 | U *- *1 | 0.00200 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 02:34 | 1 |
| m,p-Xylenes | <0.00399 | U *- *1 | 0.00399 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 02:34 | 1 |
| o-Xylene | <0.00200 | U *- *1 | 0.00200 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 02:34 | 1 |
| Xylenes, Total | <0.00399 | U *- *1 | 0.00399 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 02:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 02:34* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 02:34* | *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 | | | 03/23/26 02:34 | 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 | | | 03/20/26 21:41 | 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 | <50.0 | U *- | 50.0 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 21:41 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 21:41 | 1 |

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# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 11 (0.5')

**Lab Sample ID: 880-69773-11**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/18/26 17:23 | 03/20/26 21:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 21:41* | *1* |
| *o-Terphenyl (Surr)* | *133* | *S1+* | *70 - 130* | *03/18/26 17:23* | *03/20/26 21:41* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **184** | | 10.1 | | mg/Kg | | | 03/19/26 19:56 | 1 |

## Client Sample ID: CS - 12 (0.5')

**Lab Sample ID: 880-69773-12**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:12 | 03/23/26 02:55 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 02:55 | 1 |
| Ethylbenzene | <0.00201 | U *- *1 | 0.00201 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 02:55 | 1 |
| m,p-Xylenes | <0.00402 | U *- *1 | 0.00402 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 02:55 | 1 |
| o-Xylene | <0.00201 | U *- *1 | 0.00201 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 02:55 | 1 |
| Xylenes, Total | <0.00402 | U *- *1 | 0.00402 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 02:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 02:55* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 02:55* | *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 | | | 03/23/26 02:55 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 03/20/26 21:56 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U *- | 49.8 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 21:56 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 21:56 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 21:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *98* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 21:56* | *1* |
| *o-Terphenyl (Surr)* | *128* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 21:56* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2950** | | 50.0 | | mg/Kg | | | 03/19/26 20:11 | 5 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 13 (0.5')

**Lab Sample ID: 880-69773-13**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:12 | 03/23/26 03:15 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 03:15 | 1 |
| Ethylbenzene | <0.00202 | U *- *1 | 0.00202 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 03:15 | 1 |
| m,p-Xylenes | <0.00404 | U *- *1 | 0.00404 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 03:15 | 1 |
| o-Xylene | <0.00202 | U *- *1 | 0.00202 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 03:15 | 1 |
| Xylenes, Total | <0.00404 | U *- *1 | 0.00404 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 03:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 03:15* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 03:15* | *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 | | | 03/23/26 03:15 | 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 | | | 03/20/26 22:11 | 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 | | 03/18/26 17:23 | 03/20/26 22:11 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 22:11 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 22:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *97* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 22:11* | *1* |
| *o-Terphenyl (Surr)* | *130* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 22:11* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1370** | | 9.98 | | mg/Kg | | | 03/19/26 20:16 | 1 |

## Client Sample ID: CS - 14 (0.5')

**Lab Sample ID: 880-69773-14**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:12 | 03/23/26 03:36 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 03:36 | 1 |
| Ethylbenzene | <0.00199 | U *- *1 | 0.00199 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 03:36 | 1 |
| m,p-Xylenes | <0.00398 | U *- *1 | 0.00398 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 03:36 | 1 |
| o-Xylene | <0.00199 | U *- *1 | 0.00199 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 03:36 | 1 |
| Xylenes, Total | <0.00398 | U *- *1 | 0.00398 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 03:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 03:36* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 03:36* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 14 (0.5')

**Lab Sample ID: 880-69773-14**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | | 03/23/26 03:36 | 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 | | | 03/20/26 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 | <50.0 | U *- | 50.0 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 22:27 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 22:27 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 22:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *95* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 22:27* | *1* |
| *o-Terphenyl (Surr)* | *131* | *S1+* | *70 - 130* | *03/18/26 17:23* | *03/20/26 22:27* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3510** | | 49.8 | | mg/Kg | | | 03/19/26 20:32 | 5 |

## Client Sample ID: CS - 15 (0.5')

**Lab Sample ID: 880-69773-15**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:12 | 03/23/26 03:57 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 03:57 | 1 |
| Ethylbenzene | <0.00201 | U *- *1 | 0.00201 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 03:57 | 1 |
| m,p-Xylenes | <0.00402 | U *- *1 | 0.00402 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 03:57 | 1 |
| o-Xylene | <0.00201 | U *- *1 | 0.00201 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 03:57 | 1 |
| Xylenes, Total | <0.00402 | U *- *1 | 0.00402 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 03:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 03:57* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 03:57* | *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 | | | 03/23/26 03:57 | 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 | | | 03/20/26 22:41 | 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 | | 03/18/26 17:23 | 03/20/26 22:41 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 22:41 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 15 (0.5')

**Lab Sample ID: 880-69773-15**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/18/26 17:23 | 03/20/26 22:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *97* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 22:41* | *1* |
| *o-Terphenyl (Surr)* | *120* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 22:41* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **209** | | 10.0 | | mg/Kg | | | 03/19/26 20:37 | 1 |

## Client Sample ID: CS - 16 (0.5')

**Lab Sample ID: 880-69773-16**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:12 | 03/23/26 04:17 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 04:17 | 1 |
| Ethylbenzene | <0.00198 | U *- *1 | 0.00198 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 04:17 | 1 |
| m,p-Xylenes | <0.00396 | U *- *1 | 0.00396 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 04:17 | 1 |
| o-Xylene | <0.00198 | U *- *1 | 0.00198 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 04:17 | 1 |
| Xylenes, Total | <0.00396 | U *- *1 | 0.00396 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 04:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 04:17* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 04:17* | *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 | | | 03/23/26 04:17 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 03/20/26 22:57 | 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 | | 03/18/26 17:23 | 03/20/26 22:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 22:57 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 22:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *100* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 22:57* | *1* |
| *o-Terphenyl (Surr)* | *132* | *S1+* | *70 - 130* | *03/18/26 17:23* | *03/20/26 22:57* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1100** | | 10.0 | | mg/Kg | | | 03/19/26 20:43 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 17 (0.5')

**Lab Sample ID: 880-69773-17**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 04:38 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 04:38 | 1 |
| Ethylbenzene | <0.00200 | U *- *1 | 0.00200 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 04:38 | 1 |
| m,p-Xylenes | <0.00399 | U *- *1 | 0.00399 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 04:38 | 1 |
| o-Xylene | <0.00200 | U *- *1 | 0.00200 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 04:38 | 1 |
| Xylenes, Total | <0.00399 | U *- *1 | 0.00399 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 04:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 04:38* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 04:38* | *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 | | | 03/23/26 04:38 | 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 | | | 03/20/26 23:12 | 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 | <50.1 | U *- | 50.1 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 23:12 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 23:12 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 23:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *99* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 23:12* | *1* |
| *o-Terphenyl (Surr)* | *132* | *S1+* | *70 - 130* | *03/18/26 17:23* | *03/20/26 23:12* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **244** | | 10.1 | | mg/Kg | | | 03/19/26 20:48 | 1 |

## Client Sample ID: CS - 18 (0.5')

**Lab Sample ID: 880-69773-18**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:12 | 03/23/26 04:59 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 04:59 | 1 |
| Ethylbenzene | <0.00201 | U *- *1 | 0.00201 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 04:59 | 1 |
| m,p-Xylenes | <0.00402 | U *- *1 | 0.00402 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 04:59 | 1 |
| o-Xylene | <0.00201 | U *- *1 | 0.00201 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 04:59 | 1 |
| Xylenes, Total | <0.00402 | U *- *1 | 0.00402 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 04:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 04:59* | *1* |
| *1,4-Difluorobenzene (Surr)* | *107* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 04:59* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 18 (0.5')

**Lab Sample ID: 880-69773-18**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | | 03/23/26 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 | <50.1 | U | 50.1 | | mg/Kg | | | 03/20/26 23:27 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U *- | 50.1 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 23:27 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 23:27 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 23:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *102* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 23:27* | *1* |
| *o-Terphenyl (Surr)* | *126* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 23:27* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **250** | | 10.0 | | mg/Kg | | | 03/19/26 20:53 | 1 |

## Client Sample ID: CS - 19 (0.5')

**Lab Sample ID: 880-69773-19**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:12 | 03/23/26 05:19 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 05:19 | 1 |
| Ethylbenzene | <0.00202 | U *- *1 | 0.00202 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 05:19 | 1 |
| m,p-Xylenes | <0.00404 | U *- *1 | 0.00404 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 05:19 | 1 |
| o-Xylene | <0.00202 | U *- *1 | 0.00202 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 05:19 | 1 |
| Xylenes, Total | <0.00404 | U *- *1 | 0.00404 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 05:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *105* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 05:19* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 05:19* | *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 | | | 03/23/26 05:19 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 03/20/26 23:42 | 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 | <50.2 | U *- | 50.2 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 23:42 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 23:42 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 19 (0.5')

**Lab Sample ID: 880-69773-19**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 23:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *100* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 23:42* | *1* |
| *o-Terphenyl (Surr)* | *133* | *S1+* | *70 - 130* | *03/18/26 17:23* | *03/20/26 23:42* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3350** | | 49.9 | | mg/Kg | | | 03/19/26 20:58 | 5 |

## Client Sample ID: CS - 20 (0.5')

**Lab Sample ID: 880-69773-20**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:12 | 03/23/26 05:40 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 05:40 | 1 |
| Ethylbenzene | <0.00199 | U *- *1 | 0.00199 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 05:40 | 1 |
| m,p-Xylenes | <0.00398 | U *- *1 | 0.00398 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 05:40 | 1 |
| o-Xylene | <0.00199 | U *- *1 | 0.00199 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 05:40 | 1 |
| Xylenes, Total | <0.00398 | U *- *1 | 0.00398 | | mg/Kg | | 03/22/26 08:12 | 03/23/26 05:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 05:40* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/22/26 08:12* | *03/23/26 05:40* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 03/23/26 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 | <50.1 | U | 50.1 | | mg/Kg | | | 03/20/26 23:58 | 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 | <50.1 | U *- | 50.1 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 23:58 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 23:58 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 03/18/26 17:23 | 03/20/26 23:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 23:58* | *1* |
| *o-Terphenyl (Surr)* | *128* | | *70 - 130* | *03/18/26 17:23* | *03/20/26 23:58* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **393** | | 9.98 | | mg/Kg | | | 03/19/26 21:04 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 21 (0.5')

**Lab Sample ID: 880-69773-21**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:20 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:20 | 1 |
| Ethylbenzene | <0.00200 | U *+ | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:20 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:20 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:20 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *209* | *S1+* | *70 - 130* | *03/22/26 08:13* | *03/22/26 23:20* | *1* |
| *1,4-Difluorobenzene (Surr)* | *123* | | *70 - 130* | *03/22/26 08:13* | *03/22/26 23:20* | *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 | | | 03/22/26 23:20 | 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 | | | 03/21/26 02:00 | 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 | <49.9 | U F1 | 49.9 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 02:00 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 02:00 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 02:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *112* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 02:00* | *1* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 02:00* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **242** | | 10.0 | | mg/Kg | | | 03/20/26 01:00 | 1 |

## Client Sample ID: CS - 22 (0.5')

**Lab Sample ID: 880-69773-22**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/22/26 23:41 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:41 | 1 |
| Ethylbenzene | <0.00201 | U *+ | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:41 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:41 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:41 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *118* | | *70 - 130* | *03/22/26 08:13* | *03/22/26 23:41* | *1* |
| *1,4-Difluorobenzene (Surr)* | *88* | | *70 - 130* | *03/22/26 08:13* | *03/22/26 23:41* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 22 (0.5')

**Lab Sample ID: 880-69773-22**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | | 03/22/26 23:41 | 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 | | | 03/21/26 02:44 | 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 | | 03/18/26 17:24 | 03/21/26 02:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 02:44 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 02:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *115* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 02:44* | *1* |
| *o-Terphenyl (Surr)* | *103* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 02:44* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **635** | | 9.94 | | mg/Kg | | | 03/20/26 01:19 | 1 |

## Client Sample ID: CS - 23 (0.5')

**Lab Sample ID: 880-69773-23**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 00:01 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:01 | 1 |
| Ethylbenzene | <0.00202 | U *+ | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:01 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:01 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:01 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *119* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 00:01* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 00:01* | *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 | | | 03/23/26 00:01 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 03/21/26 03:00 | 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 | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 03:00 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 03:00 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 23 (0.5')

**Lab Sample ID: 880-69773-23**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | 03/18/26 17:24 | 03/21/26 03:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *112* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 03:00* | *1* |
| *o-Terphenyl (Surr)* | *103* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 03:00* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1730** | | 50.4 | | mg/Kg | | | 03/20/26 01:26 | 5 |

## Client Sample ID: CS - 24 (0.5')

**Lab Sample ID: 880-69773-24**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 00:22 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:22 | 1 |
| Ethylbenzene | <0.00199 | U *+ | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:22 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:22 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:22 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *120* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 00:22* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 00:22* | *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 | | | 03/23/26 00:22 | 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 | | | 03/21/26 03:14 | 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 | | 03/18/26 17:24 | 03/21/26 03:14 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 03:14 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 03:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *114* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 03:14* | *1* |
| *o-Terphenyl (Surr)* | *102* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 03:14* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **4170** | | 50.5 | | mg/Kg | | | 03/20/26 01:33 | 5 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 25 (0.5')

**Lab Sample ID: 880-69773-25**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 00:42 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:42 | 1 |
| Ethylbenzene | <0.00198 | U *+ | 0.00198 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:42 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:42 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:42 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *118* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 00:42* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 00:42* | *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 | | | 03/23/26 00:42 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 03/21/26 03:30 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 03:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 03:30 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 03:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *113* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 03:30* | *1* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 03:30* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **4790** | | 50.5 | | mg/Kg | | | 03/20/26 01:39 | 5 |

## Client Sample ID: CS - 26 (0.5')

**Lab Sample ID: 880-69773-26**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 01:03 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 01:03 | 1 |
| Ethylbenzene | <0.00200 | U *+ | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 01:03 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 01:03 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 01:03 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 01:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *123* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 01:03* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 01:03* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 26 (0.5')

**Lab Sample ID: 880-69773-26**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 03/23/26 01:03 | 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 | | | 03/21/26 03:45 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 03:45 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 03:45 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 03:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *110* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 03:45* | *1* |
| *o-Terphenyl (Surr)* | *100* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 03:45* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1690** | | 50.2 | | mg/Kg | | | 03/20/26 01:59 | 5 |

## Client Sample ID: CS - 27 (0.5')

**Lab Sample ID: 880-69773-27**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 01:23 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 01:23 | 1 |
| Ethylbenzene | <0.00201 | U *+ | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 01:23 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 01:23 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 01:23 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 01:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *132* | *S1+* | *70 - 130* | *03/22/26 08:13* | *03/23/26 01:23* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 01:23* | *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 | | | 03/23/26 01:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/21/26 03:59 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 03:59 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 03:59 | 1 |

Eurofins Midland

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 27 (0.5')

**Lab Sample ID: 880-69773-27**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/18/26 17:24 | 03/21/26 03:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *109* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 03:59* | *1* |
| *o-Terphenyl (Surr)* | *99* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 03:59* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **234** | | 10.1 | | mg/Kg | | | 03/20/26 02:06 | 1 |

## Client Sample ID: CS - 28 (0.5')

**Lab Sample ID: 880-69773-28**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 01:44 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 01:44 | 1 |
| Ethylbenzene | <0.00202 | U *+ | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 01:44 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 01:44 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 01:44 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 01:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *109* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 01:44* | *1* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 01:44* | *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 | | | 03/23/26 01:44 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 03/21/26 04:15 | 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 | | 03/18/26 17:24 | 03/21/26 04:15 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 04:15 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 04:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *104* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 04:15* | *1* |
| *o-Terphenyl (Surr)* | *93* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 04:15* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **702** | | 9.96 | | mg/Kg | | | 03/20/26 02:12 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 29 (0.5')

**Lab Sample ID: 880-69773-29**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 02:04 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 02:04 | 1 |
| Ethylbenzene | <0.00199 | U *+ | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 02:04 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 02:04 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 02:04 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 02:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *134* | *S1+* | *70 - 130* | *03/22/26 08:13* | *03/23/26 02:04* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 02:04* | *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 | | | 03/23/26 02:04 | 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 | | | 03/21/26 04:30 | 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 | | 03/18/26 17:24 | 03/21/26 04:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 04:30 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 04:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *112* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 04:30* | *1* |
| *o-Terphenyl (Surr)* | *103* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 04:30* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **491** | | 9.98 | | mg/Kg | | | 03/20/26 02:19 | 1 |

## Client Sample ID: CS - 30 (0.5')

**Lab Sample ID: 880-69773-30**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 02:24 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 02:24 | 1 |
| Ethylbenzene | <0.00198 | U *+ | 0.00198 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 02:24 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 02:24 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 02:24 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 02:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *131* | *S1+* | *70 - 130* | *03/22/26 08:13* | *03/23/26 02:24* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 02:24* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 30 (0.5')

**Lab Sample ID: 880-69773-30**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | | 03/23/26 02:24 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 03/21/26 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 | | 03/18/26 17:24 | 03/21/26 04:46 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 04:46 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 04:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *111* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 04:46* | *1* |
| *o-Terphenyl (Surr)* | *101* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 04:46* | *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 | | | 03/20/26 02:26 | 1 |

## Client Sample ID: CS - 31 (0.5')

**Lab Sample ID: 880-69773-31**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:15 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:15 | 1 |
| Ethylbenzene | <0.00200 | U *+ | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:15 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:15 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:15 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 04:15* | *1* |
| *1,4-Difluorobenzene (Surr)* | *93* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 04:15* | *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 | | | 03/23/26 04:15 | 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 | | | 03/21/26 05:16 | 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 | | 03/18/26 17:24 | 03/21/26 05:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 05:16 | 1 |

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# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 31 (0.5')

**Lab Sample ID: 880-69773-31**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/18/26 17:24 | 03/21/26 05:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *96* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 05:16* | *1* |
| *o-Terphenyl (Surr)* | *86* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 05:16* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **746** | | 10.0 | | mg/Kg | | | 03/20/26 02:32 | 1 |

## Client Sample ID: CS - 32 (0.5')

**Lab Sample ID: 880-69773-32**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 04:35 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:35 | 1 |
| Ethylbenzene | <0.00201 | U *+ | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:35 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:35 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:35 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *117* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 04:35* | *1* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 04:35* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 03/23/26 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 | <49.8 | U | 49.8 | | mg/Kg | | | 03/21/26 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 | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 05:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 05:30 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 05:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *102* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 05:30* | *1* |
| *o-Terphenyl (Surr)* | *90* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 05:30* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **274** | | 10.1 | | mg/Kg | | | 03/20/26 02:52 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 33 (0.5')

**Lab Sample ID: 880-69773-33**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 04:56 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:56 | 1 |
| Ethylbenzene | <0.00202 | U *+ | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:56 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:56 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:56 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *113* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 04:56* | *1* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 04:56* | *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 | | | 03/23/26 04:56 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 03/21/26 05:46 | 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 | | 03/18/26 17:24 | 03/21/26 05:46 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 05:46 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 05:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *108* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 05:46* | *1* |
| *o-Terphenyl (Surr)* | *99* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 05:46* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1450** | | 10.0 | | mg/Kg | | | 03/20/26 02:59 | 1 |

## Client Sample ID: CS - 34 (0.5')

**Lab Sample ID: 880-69773-34**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 05:16 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:16 | 1 |
| Ethylbenzene | <0.00199 | U *+ | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:16 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:16 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:16 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *178* | *S1+* | *70 - 130* | *03/22/26 08:13* | *03/23/26 05:16* | *1* |
| *1,4-Difluorobenzene (Surr)* | *113* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 05:16* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 34 (0.5')

**Lab Sample ID: 880-69773-34**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | | 03/23/26 05:16 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 03/21/26 06:01 | 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 | <50.4 | U | 50.4 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 06:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 06:01 | 1 |
| Oil Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 06:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *109* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 06:01* | *1* |
| *o-Terphenyl (Surr)* | *96* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 06:01* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1440** | | 49.5 | | mg/Kg | | | 03/20/26 03:19 | 5 |

## Client Sample ID: CS - 35 (0.5')

**Lab Sample ID: 880-69773-35**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 05:37 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:37 | 1 |
| Ethylbenzene | <0.00201 | U *+ | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:37 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:37 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:37 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *133* | *S1+* | *70 - 130* | *03/22/26 08:13* | *03/23/26 05:37* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 05:37* | *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 | | | 03/23/26 05:37 | 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 | | | 03/21/26 06:15 | 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 | <50.5 | U | 50.5 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 06:15 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 06:15 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 35 (0.5')

**Lab Sample ID: 880-69773-35**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/18/26 17:24 | 03/21/26 06:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *110* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 06:15* | *1* |
| *o-Terphenyl (Surr)* | *100* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 06:15* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2300** | | 50.1 | | mg/Kg | | | 03/20/26 03:25 | 5 |

## Client Sample ID: CS - 36 (0.5')

**Lab Sample ID: 880-69773-36**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 05:57 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:57 | 1 |
| Ethylbenzene | <0.00198 | U *+ | 0.00198 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:57 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:57 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:57 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *123* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 05:57* | *1* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 05:57* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 03/23/26 05:57 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 03/21/26 06:31 | 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 | <50.5 | U | 50.5 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 06:31 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 06:31 | 1 |
| Oil Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 06:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *110* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 06:31* | *1* |
| *o-Terphenyl (Surr)* | *99* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 06:31* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1770** | | 50.2 | | mg/Kg | | | 03/20/26 03:32 | 5 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 37 (0.5')

**Lab Sample ID: 880-69773-37**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 06:18 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 06:18 | 1 |
| Ethylbenzene | <0.00200 | U *+ | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 06:18 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 06:18 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 06:18 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 06:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *119* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 06:18* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 06:18* | *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 | | | 03/23/26 06:18 | 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 | | | 03/21/26 06:45 | 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 | | 03/18/26 17:24 | 03/21/26 06:45 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 06:45 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 06:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *112* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 06:45* | *1* |
| *o-Terphenyl (Surr)* | *102* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 06:45* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **824** | | 10.1 | | mg/Kg | | | 03/20/26 03:39 | 1 |

## Client Sample ID: CS - 38 (0.5')

**Lab Sample ID: 880-69773-38**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 06:38 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 06:38 | 1 |
| Ethylbenzene | <0.00201 | U *+ | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 06:38 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 06:38 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 06:38 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 06:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *146* | *S1+* | *70 - 130* | *03/22/26 08:13* | *03/23/26 06:38* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 06:38* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 38 (0.5')

**Lab Sample ID: 880-69773-38**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | | 03/23/26 06:38 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 03/21/26 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 | <50.4 | U | 50.4 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 07:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 07:01 | 1 |
| Oil Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 07:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *112* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 07:01* | *1* |
| *o-Terphenyl (Surr)* | *102* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 07:01* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1310** | | 49.7 | | mg/Kg | | | 03/20/26 03:45 | 5 |

## Client Sample ID: CS - 39 (0.5')

**Lab Sample ID: 880-69773-39**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 06:59 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 06:59 | 1 |
| Ethylbenzene | <0.00202 | U *+ | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 06:59 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 06:59 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 06:59 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 06:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *141* | *S1+* | *70 - 130* | *03/22/26 08:13* | *03/23/26 06:59* | *1* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 06:59* | *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 | | | 03/23/26 06:59 | 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 | | | 03/21/26 07:16 | 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 | <50.5 | U | 50.5 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 07:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 07:16 | 1 |

Eurofins Midland

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 39 (0.5')

**Lab Sample ID: 880-69773-39**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/18/26 17:24 | 03/21/26 07:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *107* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 07:16* | *1* |
| *o-Terphenyl (Surr)* | *96* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 07:16* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1210** | | 9.96 | | mg/Kg | | | 03/20/26 03:52 | 1 |

## Client Sample ID: CS - 40 (0.5')

**Lab Sample ID: 880-69773-40**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 07:19 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 07:19 | 1 |
| Ethylbenzene | <0.00199 | U *+ | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 07:19 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 07:19 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 07:19 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 07:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *133* | *S1+* | *70 - 130* | *03/22/26 08:13* | *03/23/26 07:19* | *1* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 07:19* | *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 | | | 03/23/26 07:19 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 03/21/26 07:30 | 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 | | 03/18/26 17:24 | 03/21/26 07:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 07:30 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 07:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *113* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 07:30* | *1* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* | *03/18/26 17:24* | *03/21/26 07:30* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1460** | | 50.4 | | mg/Kg | | | 03/20/26 03:59 | 5 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 41 (0.5')

**Lab Sample ID: 880-69773-41**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 22:01 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 22:01 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 22:01 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 22:01 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 22:01 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 22:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *127* | | *70 - 130* | *03/22/26 08:13* | *03/22/26 22:01* | *1* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* | *03/22/26 08:13* | *03/22/26 22:01* | *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 | | | 03/22/26 22:01 | 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 | | | 03/21/26 02:00 | 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 | | 03/18/26 17:25 | 03/21/26 02:00 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 02:00 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 02:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *105* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 02:00* | *1* |
| *o-Terphenyl (Surr)* | *122* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 02:00* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1100** | | 10.1 | | mg/Kg | | | 03/19/26 16:11 | 1 |

## Client Sample ID: CS - 42 (0.5')

**Lab Sample ID: 880-69773-42**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/22/26 22:21 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 22:21 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 22:21 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 22:21 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 22:21 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 22:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *130* | | *70 - 130* | *03/22/26 08:13* | *03/22/26 22:21* | *1* |
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *03/22/26 08:13* | *03/22/26 22:21* | *1* |

Eurofins Midland

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 42 (0.5')

**Lab Sample ID: 880-69773-42**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | | 03/22/26 22:21 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 03/21/26 02:44 | 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 | | 03/18/26 17:25 | 03/21/26 02:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 02:44 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 02:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *113* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 02:44* | *1* |
| *o-Terphenyl (Surr)* | *119* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 02:44* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1500** | | 10.0 | | mg/Kg | | | 03/19/26 16:31 | 1 |

## Client Sample ID: CS - 43 (0.5')

**Lab Sample ID: 880-69773-43**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/22/26 22:42 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 22:42 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 22:42 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 22:42 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 22:42 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 22:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *129* | | *70 - 130* | *03/22/26 08:13* | *03/22/26 22:42* | *1* |
| *1,4-Difluorobenzene (Surr)* | *115* | | *70 - 130* | *03/22/26 08:13* | *03/22/26 22:42* | *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 | | | 03/22/26 22:42 | 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 | | | 03/21/26 03:00 | 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 | | 03/18/26 17:25 | 03/21/26 03:00 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 03:00 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 43 (0.5')

**Lab Sample ID: 880-69773-43**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/18/26 17:25 | 03/21/26 03:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *114* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 03:00* | *1* |
| *o-Terphenyl (Surr)* | *133* | *S1+* | *70 - 130* | *03/18/26 17:25* | *03/21/26 03:00* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **746** | | 10.1 | | mg/Kg | | | 03/19/26 16:37 | 1 |

## Client Sample ID: CS - 44 (0.5')

**Lab Sample ID: 880-69773-44**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/22/26 23:02 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:02 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:02 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:02 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:02 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *136* | *S1+* | *70 - 130* | *03/22/26 08:13* | *03/22/26 23:02* | *1* |
| *1,4-Difluorobenzene (Surr)* | *115* | | *70 - 130* | *03/22/26 08:13* | *03/22/26 23:02* | *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 | | | 03/22/26 23:02 | 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 | | | 03/21/26 03:14 | 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 | | 03/18/26 17:25 | 03/21/26 03:14 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 03:14 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 03:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *117* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 03:14* | *1* |
| *o-Terphenyl (Surr)* | *132* | *S1+* | *70 - 130* | *03/18/26 17:25* | *03/21/26 03:14* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **821** | | 10.1 | | mg/Kg | | | 03/19/26 16:44 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 45 (0.5')

**Lab Sample ID: 880-69773-45**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/22/26 23:23 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:23 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:23 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:23 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:23 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *135* | *S1+* | *70 - 130* | *03/22/26 08:13* | *03/22/26 23:23* | *1* |
| *1,4-Difluorobenzene (Surr)* | *118* | | *70 - 130* | *03/22/26 08:13* | *03/22/26 23:23* | *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 | | | 03/22/26 23:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/21/26 03:30 | 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 | | 03/18/26 17:25 | 03/21/26 03:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 03:30 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 03:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *120* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 03:30* | *1* |
| *o-Terphenyl (Surr)* | *141* | *S1+* | *70 - 130* | *03/18/26 17:25* | *03/21/26 03:30* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1750** | | 50.3 | | mg/Kg | | | 03/19/26 16:51 | 5 |

## Client Sample ID: CS - 46 (0.5')

**Lab Sample ID: 880-69773-46**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:44 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:44 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:44 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:44 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:44 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 23:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *124* | | *70 - 130* | *03/22/26 08:13* | *03/22/26 23:44* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *03/22/26 08:13* | *03/22/26 23:44* | *1* |

Eurofins Midland

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 46 (0.5')

**Lab Sample ID: 880-69773-46**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 03/22/26 23:44 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 03/21/26 03:45 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 03:45 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 03:45 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 03:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *121* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 03:45* | *1* |
| *o-Terphenyl (Surr)* | *142* | *S1+* | *70 - 130* | *03/18/26 17:25* | *03/21/26 03:45* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **722** | | 10.0 | | mg/Kg | | | 03/19/26 17:11 | 1 |

## Client Sample ID: CS - 47 (0.5')

**Lab Sample ID: 880-69773-47**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 00:04 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:04 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:04 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:04 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:04 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *127* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 00:04* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 00:04* | *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 | | | 03/23/26 00:04 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 03/21/26 03:59 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 03:59 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 03:59 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 47 (0.5')

**Lab Sample ID: 880-69773-47**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/18/26 17:25 | 03/21/26 03:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *116* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 03:59* | *1* |
| *o-Terphenyl (Surr)* | *131* | *S1+* | *70 - 130* | *03/18/26 17:25* | *03/21/26 03:59* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1710** | | 50.2 | | mg/Kg | | | 03/19/26 17:17 | 5 |

## Client Sample ID: CS - 48 (0.5')

**Lab Sample ID: 880-69773-48**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 00:25 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:25 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:25 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:25 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:25 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *124* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 00:25* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 00:25* | *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 | | | 03/23/26 00:25 | 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 | | | 03/21/26 04:15 | 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 | | 03/18/26 17:25 | 03/21/26 04:15 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 04:15 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 04:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *113* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 04:15* | *1* |
| *o-Terphenyl (Surr)* | *131* | *S1+* | *70 - 130* | *03/18/26 17:25* | *03/21/26 04:15* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1490** | | 9.98 | | mg/Kg | | | 03/19/26 17:24 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 49 (0.5')

**Lab Sample ID: 880-69773-49**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 00:45 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:45 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:45 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:45 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:45 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 00:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *128* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 00:45* | *1* |
| *1,4-Difluorobenzene (Surr)* | *106* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 00:45* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 03/23/26 00:45 | 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 | | | 03/21/26 04:30 | 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 | | 03/18/26 17:25 | 03/21/26 04:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 04:30 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 04:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *120* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 04:30* | *1* |
| *o-Terphenyl (Surr)* | *138* | *S1+* | *70 - 130* | *03/18/26 17:25* | *03/21/26 04:30* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **264** | | 9.96 | | mg/Kg | | | 03/19/26 17:30 | 1 |

## Client Sample ID: CS - 50 (0.5')

**Lab Sample ID: 880-69773-50**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 01:06 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 01:06 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 01:06 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 01:06 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 01:06 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 01:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *121* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 01:06* | *1* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 01:06* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 50 (0.5')

**Lab Sample ID: 880-69773-50**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | | 03/23/26 01:06 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 03/21/26 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 | | 03/18/26 17:25 | 03/21/26 04:46 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 04:46 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 04:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *117* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 04:46* | *1* |
| *o-Terphenyl (Surr)* | *134* | *S1+* | *70 - 130* | *03/18/26 17:25* | *03/21/26 04:46* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **724** | | 9.96 | | mg/Kg | | | 03/19/26 17:37 | 1 |

## Client Sample ID: CS - 51 (0.5')

**Lab Sample ID: 880-69773-51**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 02:41 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 02:41 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 02:41 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 02:41 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 02:41 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 02:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *134* | *S1+* | *70 - 130* | *03/22/26 08:13* | *03/23/26 02:41* | *1* |
| *1,4-Difluorobenzene (Surr)* | *105* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 02:41* | *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 | | | 03/23/26 02:41 | 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 | | | 03/21/26 05:16 | 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 | | 03/18/26 17:25 | 03/21/26 05:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 05:16 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 51 (0.5')

**Lab Sample ID: 880-69773-51**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/18/26 17:25 | 03/21/26 05:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *114* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 05:16* | *1* |
| *o-Terphenyl (Surr)* | *124* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 05:16* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1320** | | 10.0 | | mg/Kg | | | 03/19/26 17:44 | 1 |

## Client Sample ID: CS - 52 (0.5')

**Lab Sample ID: 880-69773-52**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 03:01 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 03:01 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 03:01 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 03:01 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 03:01 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 03:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *135* | *S1+* | *70 - 130* | *03/22/26 08:13* | *03/23/26 03:01* | *1* |
| *1,4-Difluorobenzene (Surr)* | *117* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 03:01* | *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 | | | 03/23/26 03:01 | 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 | | | 03/21/26 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 | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 05:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 05:30 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 05:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *120* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 05:30* | *1* |
| *o-Terphenyl (Surr)* | *136* | *S1+* | *70 - 130* | *03/18/26 17:25* | *03/21/26 05:30* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **584** | | 10.0 | | mg/Kg | | | 03/19/26 18:04 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 53 (0.5')

**Lab Sample ID: 880-69773-53**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 03:22 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 03:22 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 03:22 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 03:22 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 03:22 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 03:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *129* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 03:22* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 03:22* | *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 | | | 03/23/26 03:22 | 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 | | | 03/21/26 05:46 | 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 | | 03/18/26 17:25 | 03/21/26 05:46 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 05:46 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 05:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *119* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 05:46* | *1* |
| *o-Terphenyl (Surr)* | *135* | *S1+* | *70 - 130* | *03/18/26 17:25* | *03/21/26 05:46* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **513** | | 10.1 | | mg/Kg | | | 03/19/26 18:10 | 1 |

## Client Sample ID: CS - 54 (0.5')

**Lab Sample ID: 880-69773-54**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 03:42 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 03:42 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 03:42 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 03:42 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 03:42 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 03:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *127* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 03:42* | *1* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 03:42* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 54 (0.5')

**Lab Sample ID: 880-69773-54**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | | 03/23/26 03:42 | 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 | | | 03/21/26 06:01 | 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 | | 03/18/26 17:25 | 03/21/26 06:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 06:01 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 06:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *122* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 06:01* | *1* |
| *o-Terphenyl (Surr)* | *139* | *S1+* | *70 - 130* | *03/18/26 17:25* | *03/21/26 06:01* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **293** | | 10.1 | | mg/Kg | | | 03/19/26 18:30 | 1 |

## Client Sample ID: CS - 55 (0.5')

**Lab Sample ID: 880-69773-55**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 04:03 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:03 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:03 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:03 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:03 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *138* | *S1+* | *70 - 130* | *03/22/26 08:13* | *03/23/26 04:03* | *1* |
| *1,4-Difluorobenzene (Surr)* | *114* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 04:03* | *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 | | | 03/23/26 04:03 | 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 | | | 03/21/26 06:15 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 06:15 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 06:15 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 55 (0.5')

**Lab Sample ID: 880-69773-55**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/18/26 17:25 | 03/21/26 06:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *118* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 06:15* | *1* |
| *o-Terphenyl (Surr)* | *139* | *S1+* | *70 - 130* | *03/18/26 17:25* | *03/21/26 06:15* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **275** | | 10.1 | | mg/Kg | | | 03/19/26 18:37 | 1 |

## Client Sample ID: CS - 56 (0.5')

**Lab Sample ID: 880-69773-56**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 04:24 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:24 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:24 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:24 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:24 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *141* | *S1+* | *70 - 130* | *03/22/26 08:13* | *03/23/26 04:24* | *1* |
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 04:24* | *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 | | | 03/23/26 04:24 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 03/21/26 06:31 | 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 | <50.4 | U | 50.4 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 06:31 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 06:31 | 1 |
| Oil Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 06:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *126* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 06:31* | *1* |
| *o-Terphenyl (Surr)* | *155* | *S1+* | *70 - 130* | *03/18/26 17:25* | *03/21/26 06:31* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **518** | | 10.1 | | mg/Kg | | | 03/19/26 18:43 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 57 (0.5')

**Lab Sample ID: 880-69773-57**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:44 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:44 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:44 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:44 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:44 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 04:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *123* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 04:44* | *1* |
| *1,4-Difluorobenzene (Surr)* | *107* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 04:44* | *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 | | | 03/23/26 04:44 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 03/21/26 06:45 | 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 | | 03/18/26 17:25 | 03/21/26 06:45 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 06:45 | 1 |
| Oil Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 06:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *116* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 06:45* | *1* |
| *o-Terphenyl (Surr)* | *114* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 06:45* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **515** | | 10.0 | | mg/Kg | | | 03/20/26 07:50 | 1 |

## Client Sample ID: CS - 58 (0.5')

**Lab Sample ID: 880-69773-58**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 05:05 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:05 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:05 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:05 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:05 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *127* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 05:05* | *1* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 05:05* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 58 (0.5')

**Lab Sample ID: 880-69773-58**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | | 03/23/26 05:05 | 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 | | | 03/21/26 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 | <50.2 | U | 50.2 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 07:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 07:01 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 07:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *118* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 07:01* | *1* |
| *o-Terphenyl (Surr)* | *134* | *S1+* | *70 - 130* | *03/18/26 17:25* | *03/21/26 07:01* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **77.4** | | 9.98 | | mg/Kg | | | 03/19/26 18:51 | 1 |

## Client Sample ID: CS - 59 (0.5')

**Lab Sample ID: 880-69773-59**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 05:25 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:25 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:25 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:25 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:25 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *129* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 05:25* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 05:25* | *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 | | | 03/23/26 05:25 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 03/21/26 07:16 | 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 | <50.3 | U | 50.3 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 07:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 07:16 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 59 (0.5')

**Lab Sample ID: 880-69773-59**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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) | <50.3 | U | 50.3 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 07:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *122* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 07:16* | *1* |
| *o-Terphenyl (Surr)* | *137* | *S1+* | *70 - 130* | *03/18/26 17:25* | *03/21/26 07:16* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **79.7** | | 9.94 | | mg/Kg | | | 03/19/26 18:58 | 1 |

## Client Sample ID: CS - 60 (0.5')

**Lab Sample ID: 880-69773-60**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:13 | 03/23/26 05:46 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:46 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:46 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:46 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:46 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/22/26 08:13 | 03/23/26 05:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *132* | *S1+* | *70 - 130* | *03/22/26 08:13* | *03/23/26 05:46* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/22/26 08:13* | *03/23/26 05:46* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 03/23/26 05:46 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 03/21/26 07:30 | 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 | <50.3 | U | 50.3 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 07:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 07:30 | 1 |
| Oil Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 07:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *116* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 07:30* | *1* |
| *o-Terphenyl (Surr)* | *132* | *S1+* | *70 - 130* | *03/18/26 17:25* | *03/21/26 07:30* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **43.2** | | 9.92 | | mg/Kg | | | 03/19/26 19:04 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 61 (0.5')

**Lab Sample ID: 880-69773-61**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 00:24 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 00:24 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 00:24 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 00:24 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 00:24 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 00:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 00:24* | *1* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 00:24* | *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 | | | 03/23/26 00:24 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 03/20/26 18:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 18:23 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 18:23 | 1 |
| Oil Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 18:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *84* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 18:23* | *1* |
| *o-Terphenyl (Surr)* | *78* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 18:23* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **589** | **F1** | 9.96 | | mg/Kg | | | 03/20/26 00:39 | 1 |

## Client Sample ID: CS - 62 (0.5')

**Lab Sample ID: 880-69773-62**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:14 | 03/23/26 00:44 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 00:44 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 00:44 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 00:44 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 00:44 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 00:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 00:44* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 00:44* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 62 (0.5')

**Lab Sample ID: 880-69773-62**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | | 03/23/26 00:44 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 03/20/26 19:08 | 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 | <50.2 | U | 50.2 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 19:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 19:08 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 19:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *77* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 19:08* | *1* |
| *o-Terphenyl (Surr)* | *71* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 19:08* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **160** | | 10.1 | | mg/Kg | | | 03/20/26 00:54 | 1 |

## Client Sample ID: CS - 63 (0.5')

**Lab Sample ID: 880-69773-63**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:14 | 03/23/26 01:05 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 01:05 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 01:05 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 01:05 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 01:05 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 01:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 01:05* | *1* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 01:05* | *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 | | | 03/23/26 01:05 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 03/20/26 19:24 | 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 | <50.1 | U | 50.1 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 19:24 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 19:24 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 63 (0.5')

**Lab Sample ID: 880-69773-63**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/18/26 17:25 | 03/20/26 19:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *91* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 19:24* | *1* |
| *o-Terphenyl (Surr)* | *86* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 19:24* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **181** | | 9.90 | | mg/Kg | | | 03/20/26 01:00 | 1 |

## Client Sample ID: CS - 64 (0.5')

**Lab Sample ID: 880-69773-64**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:14 | 03/23/26 01:25 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 01:25 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 01:25 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 01:25 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 01:25 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 01:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 01:25* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 01:25* | *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 | | | 03/23/26 01:25 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 03/20/26 19:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 19:39 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 19:39 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 19:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *106* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 19:39* | *1* |
| *o-Terphenyl (Surr)* | *103* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 19:39* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **52.2** | | 9.92 | | mg/Kg | | | 03/20/26 01:05 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 65 (0.5')

**Lab Sample ID: 880-69773-65**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:14 | 03/23/26 01:46 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 01:46 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 01:46 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 01:46 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 01:46 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 01:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 01:46* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 01:46* | *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 | | | 03/23/26 01:46 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 03/20/26 19:54 | 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 | <50.1 | U | 50.1 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 19:54 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 19:54 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 19:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *100* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 19:54* | *1* |
| *o-Terphenyl (Surr)* | *96* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 19:54* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **57.2** | | 9.98 | | mg/Kg | | | 03/20/26 01:10 | 1 |

## Client Sample ID: CS - 66 (0.5')

**Lab Sample ID: 880-69773-66**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 02:06 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 02:06 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 02:06 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 02:06 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 02:06 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 02:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 02:06* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 02:06* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 66 (0.5')

**Lab Sample ID: 880-69773-66**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 03/23/26 02:06 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 03/20/26 20:09 | 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 | | 03/18/26 17:25 | 03/20/26 20:09 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 20:09 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 20:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 20:09* | *1* |
| *o-Terphenyl (Surr)* | *95* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 20:09* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **53.9** | | 10.1 | | mg/Kg | | | 03/20/26 01:26 | 1 |

## Client Sample ID: CS - 67 (0.5')

**Lab Sample ID: 880-69773-67**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:14 | 03/23/26 02:27 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 02:27 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 02:27 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 02:27 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 02:27 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 02:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 02:27* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 02:27* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 03/23/26 02:27 | 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 | | | 03/20/26 20:25 | 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 | | 03/18/26 17:25 | 03/20/26 20:25 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 20:25 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 67 (0.5')

**Lab Sample ID: 880-69773-67**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/18/26 17:25 | 03/20/26 20:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *100* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 20:25* | *1* |
| *o-Terphenyl (Surr)* | *98* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 20:25* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **53.9** | | 10.1 | | mg/Kg | | | 03/20/26 01:31 | 1 |

## Client Sample ID: CS - 68 (0.5')

**Lab Sample ID: 880-69773-68**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:14 | 03/23/26 02:47 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 02:47 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 02:47 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 02:47 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 02:47 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 02:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 02:47* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 02:47* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 03/23/26 02:47 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 03/20/26 20:40 | 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 | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 20:40 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 20:40 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 20:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *92* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 20:40* | *1* |
| *o-Terphenyl (Surr)* | *88* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 20:40* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **57.7** | | 10.0 | | mg/Kg | | | 03/20/26 01:36 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 69 (0.5')

**Lab Sample ID: 880-69773-69**

**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:14 | 03/23/26 03:08 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 03:08 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 03:08 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 03:08 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 03:08 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 03:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 03:08* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 03:08* | *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 | | | 03/23/26 03:08 | 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 | | | 03/20/26 20:56 | 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 | | 03/18/26 17:25 | 03/20/26 20:56 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 20:56 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 20:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *100* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 20:56* | *1* |
| *o-Terphenyl (Surr)* | *94* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 20:56* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **60.7** | | 10.0 | | mg/Kg | | | 03/20/26 01:42 | 1 |

## Client Sample ID: CS - 70 (0.5')

**Lab Sample ID: 880-69773-70**

**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:14 | 03/23/26 03:28 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 03:28 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 03:28 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 03:28 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 03:28 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 03:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 03:28* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 03:28* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 70 (0.5')

**Lab Sample ID: 880-69773-70**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | | 03/23/26 03:28 | 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 | | | 03/20/26 21:11 | 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 | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 21:11 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 21:11 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 21:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *100* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 21:11* | *1* |
| *o-Terphenyl (Surr)* | *94* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 21:11* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **81.9** | | 9.94 | | mg/Kg | | | 03/20/26 01:47 | 1 |

## Client Sample ID: CS - 71 (0.5')

**Lab Sample ID: 880-69773-71**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 05:01 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 05:01 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 05:01 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 05:01 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 05:01 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 05:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 05:01* | *1* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 05:01* | *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 | | | 03/23/26 05:01 | 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 | | | 03/20/26 21:41 | 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 | | 03/18/26 17:25 | 03/20/26 21:41 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 21:41 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 71 (0.5')

**Lab Sample ID: 880-69773-71**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/18/26 17:25 | 03/20/26 21:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *100* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 21:41* | *1* |
| *o-Terphenyl (Surr)* | *100* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 21:41* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **71.1** | | 9.92 | | mg/Kg | | | 03/20/26 01:52 | 1 |

## Client Sample ID: CS - 72 (0.5')

**Lab Sample ID: 880-69773-72**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:14 | 03/23/26 05:22 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 05:22 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 05:22 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 05:22 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 05:22 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 05:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 05:22* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 05:22* | *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 | | | 03/23/26 05:22 | 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 | | | 03/20/26 21:56 | 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 | | 03/18/26 17:25 | 03/20/26 21:56 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 21:56 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 21:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *79* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 21:56* | *1* |
| *o-Terphenyl (Surr)* | *72* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 21:56* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 03/20/26 02:08 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 73 (0.5')

**Lab Sample ID: 880-69773-73**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:14 | 03/23/26 05:42 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 05:42 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 05:42 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 05:42 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 05:42 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 05:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 05:42* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 05:42* | *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 | | | 03/23/26 05:42 | 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 | | | 03/20/26 22:11 | 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 | | 03/18/26 17:25 | 03/20/26 22:11 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 22:11 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 22:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *96* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 22:11* | *1* |
| *o-Terphenyl (Surr)* | *88* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 22:11* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <9.96 | U | 9.96 | | mg/Kg | | | 03/20/26 02:13 | 1 |

## Client Sample ID: CS - 74 (0.5')

**Lab Sample ID: 880-69773-74**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:14 | 03/23/26 06:03 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 06:03 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 06:03 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 06:03 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 06:03 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 06:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *105* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 06:03* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 06:03* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 74 (0.5')

**Lab Sample ID: 880-69773-74**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | | 03/23/26 06:03 | 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 | | | 03/20/26 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 | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 22:27 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 22:27 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 22:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 22:27* | *1* |
| *o-Terphenyl (Surr)* | *95* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 22:27* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **33.5** | | 9.94 | | mg/Kg | | | 03/20/26 02:29 | 1 |

## Client Sample ID: CS - 75 (0.5')

**Lab Sample ID: 880-69773-75**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:14 | 03/23/26 06:23 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 06:23 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 06:23 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 06:23 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 06:23 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 06:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 06:23* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 06:23* | *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 | | | 03/23/26 06:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/20/26 22:41 | 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 | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 22:41 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 22:41 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 75 (0.5')

**Lab Sample ID: 880-69773-75**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/18/26 17:25 | 03/20/26 22:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *96* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 22:41* | *1* |
| *o-Terphenyl (Surr)* | *90* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 22:41* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **53.4** | | 9.94 | | mg/Kg | | | 03/20/26 02:34 | 1 |

## Client Sample ID: CS - 76 (0.5')

**Lab Sample ID: 880-69773-76**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:14 | 03/23/26 06:44 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 06:44 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 06:44 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 06:44 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 06:44 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 06:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 06:44* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 06:44* | *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 | | | 03/23/26 06:44 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 03/20/26 22:57 | 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 | | 03/18/26 17:25 | 03/20/26 22:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 22:57 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 22:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 22:57* | *1* |
| *o-Terphenyl (Surr)* | *92* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 22:57* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **604** | | 9.94 | | mg/Kg | | | 03/20/26 02:39 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 77 (0.5')

**Lab Sample ID: 880-69773-77**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 07:04 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 07:04 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 07:04 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 07:04 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 07:04 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 07:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 07:04* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 07:04* | *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 | | | 03/23/26 07:04 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 03/23/26 12:55 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 03/17/26 17:28 | 03/23/26 12:55 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 03/17/26 17:28 | 03/23/26 12:55 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 03/17/26 17:28 | 03/23/26 12:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *103* | | *70 - 130* | *03/17/26 17:28* | *03/23/26 12:55* | *1* |
| *o-Terphenyl (Surr)* | *92* | | *70 - 130* | *03/17/26 17:28* | *03/23/26 12:55* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **238** | | 9.98 | | mg/Kg | | | 03/20/26 02:44 | 1 |

## Client Sample ID: CS - 78 (0.5')

**Lab Sample ID: 880-69773-78**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

### 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 | | 03/22/26 08:14 | 03/23/26 07:24 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 07:24 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 07:24 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 07:24 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 07:24 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 07:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 07:24* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/22/26 08:14* | *03/23/26 07:24* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 78 (0.5')

**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

## Lab Sample ID: 880-69773-78

**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 | | | 03/23/26 07:24 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/20/26 23:27 | 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 | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 23:27 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 23:27 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 23:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 23:27* | *1* |
| *o-Terphenyl (Surr)* | *94* | | *70 - 130* | *03/18/26 17:25* | *03/20/26 23:27* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 03/20/26 02:50 | 1 |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
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) | | | | | | | | | | |
| 880-69773-1 | CS - 1 (0.5') | 102 | 101 | | | | | | | | | | |
| 880-69773-1 MS | CS - 1 (0.5') | 108 | 88 | | | | | | | | | | |
| 880-69773-1 MSD | CS - 1 (0.5') | 99 | 102 | | | | | | | | | | |
| 880-69773-2 | CS - 2 (0.5') | 101 | 98 | | | | | | | | | | |
| 880-69773-3 | CS - 3 (0.5') | 101 | 97 | | | | | | | | | | |
| 880-69773-4 | CS - 4 (0.5') | 102 | 100 | | | | | | | | | | |
| 880-69773-5 | CS - 5 (0.5') | 116 | 104 | | | | | | | | | | |
| 880-69773-6 | CS - 6 (0.5') | 101 | 100 | | | | | | | | | | |
| 880-69773-7 | CS - 7 (0.5') | 108 | 103 | | | | | | | | | | |
| 880-69773-8 | CS - 8 (0.5') | 104 | 103 | | | | | | | | | | |
| 880-69773-9 | CS - 9 (0.5') | 107 | 101 | | | | | | | | | | |
| 880-69773-10 | CS - 10 (0.5') | 104 | 103 | | | | | | | | | | |
| 880-69773-11 | CS - 11 (0.5') | 100 | 98 | | | | | | | | | | |
| 880-69773-12 | CS - 12 (0.5') | 104 | 103 | | | | | | | | | | |
| 880-69773-13 | CS - 13 (0.5') | 104 | 97 | | | | | | | | | | |
| 880-69773-14 | CS - 14 (0.5') | 110 | 96 | | | | | | | | | | |
| 880-69773-15 | CS - 15 (0.5') | 102 | 100 | | | | | | | | | | |
| 880-69773-16 | CS - 16 (0.5') | 99 | 101 | | | | | | | | | | |
| 880-69773-17 | CS - 17 (0.5') | 99 | 101 | | | | | | | | | | |
| 880-69773-18 | CS - 18 (0.5') | 110 | 107 | | | | | | | | | | |
| 880-69773-19 | CS - 19 (0.5') | 105 | 100 | | | | | | | | | | |
| 880-69773-20 | CS - 20 (0.5') | 102 | 101 | | | | | | | | | | |
| 880-69773-21 | CS - 21 (0.5') | 209 S1+ | 123 | | | | | | | | | | |
| 880-69773-21 MS | CS - 21 (0.5') | 113 | 98 | | | | | | | | | | |
| 880-69773-21 MSD | CS - 21 (0.5') | 102 | 93 | | | | | | | | | | |
| 880-69773-22 | CS - 22 (0.5') | 118 | 88 | | | | | | | | | | |
| 880-69773-23 | CS - 23 (0.5') | 119 | 99 | | | | | | | | | | |
| 880-69773-24 | CS - 24 (0.5') | 120 | 110 | | | | | | | | | | |
| 880-69773-25 | CS - 25 (0.5') | 118 | 99 | | | | | | | | | | |
| 880-69773-26 | CS - 26 (0.5') | 123 | 98 | | | | | | | | | | |
| 880-69773-27 | CS - 27 (0.5') | 132 S1+ | 99 | | | | | | | | | | |
| 880-69773-28 | CS - 28 (0.5') | 109 | 95 | | | | | | | | | | |
| 880-69773-29 | CS - 29 (0.5') | 134 S1+ | 99 | | | | | | | | | | |
| 880-69773-30 | CS - 30 (0.5') | 131 S1+ | 100 | | | | | | | | | | |
| 880-69773-31 | CS - 31 (0.5') | 99 | 93 | | | | | | | | | | |
| 880-69773-32 | CS - 32 (0.5') | 117 | 95 | | | | | | | | | | |
| 880-69773-33 | CS - 33 (0.5') | 113 | 95 | | | | | | | | | | |
| 880-69773-34 | CS - 34 (0.5') | 178 S1+ | 113 | | | | | | | | | | |
| 880-69773-35 | CS - 35 (0.5') | 133 S1+ | 110 | | | | | | | | | | |
| 880-69773-36 | CS - 36 (0.5') | 123 | 94 | | | | | | | | | | |
| 880-69773-37 | CS - 37 (0.5') | 119 | 98 | | | | | | | | | | |
| 880-69773-38 | CS - 38 (0.5') | 146 S1+ | 100 | | | | | | | | | | |
| 880-69773-39 | CS - 39 (0.5') | 141 S1+ | 104 | | | | | | | | | | |
| 880-69773-40 | CS - 40 (0.5') | 133 S1+ | 95 | | | | | | | | | | |
| 880-69773-41 | CS - 41 (0.5') | 127 | 104 | | | | | | | | | | |
| 880-69773-41 MS | CS - 41 (0.5') | 84 | 98 | | | | | | | | | | |
| 880-69773-41 MSD | CS - 41 (0.5') | 105 | 89 | | | | | | | | | | |
| 880-69773-42 | CS - 42 (0.5') | 130 | 111 | | | | | | | | | | |
| 880-69773-43 | CS - 43 (0.5') | 129 | 115 | | | | | | | | | | |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
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) |
|---|---|---|---|
| 880-69773-44 | CS - 44 (0.5') | 136 S1+ | 115 |
| 880-69773-45 | CS - 45 (0.5') | 135 S1+ | 118 |
| 880-69773-46 | CS - 46 (0.5') | 124 | 97 |
| 880-69773-47 | CS - 47 (0.5') | 127 | 98 |
| 880-69773-48 | CS - 48 (0.5') | 124 | 100 |
| 880-69773-49 | CS - 49 (0.5') | 128 | 106 |
| 880-69773-50 | CS - 50 (0.5') | 121 | 102 |
| 880-69773-51 | CS - 51 (0.5') | 134 S1+ | 105 |
| 880-69773-52 | CS - 52 (0.5') | 135 S1+ | 117 |
| 880-69773-53 | CS - 53 (0.5') | 129 | 103 |
| 880-69773-54 | CS - 54 (0.5') | 127 | 102 |
| 880-69773-55 | CS - 55 (0.5') | 138 S1+ | 114 |
| 880-69773-56 | CS - 56 (0.5') | 141 S1+ | 111 |
| 880-69773-57 | CS - 57 (0.5') | 123 | 107 |
| 880-69773-58 | CS - 58 (0.5') | 127 | 102 |
| 880-69773-59 | CS - 59 (0.5') | 129 | 103 |
| 880-69773-60 | CS - 60 (0.5') | 132 S1+ | 103 |
| 880-69773-61 | CS - 61 (0.5') | 97 | 95 |
| 880-69773-61 MS | CS - 61 (0.5') | 94 | 106 |
| 880-69773-61 MSD | CS - 61 (0.5') | 96 | 105 |
| 880-69773-62 | CS - 62 (0.5') | 96 | 101 |
| 880-69773-63 | CS - 63 (0.5') | 93 | 102 |
| 880-69773-64 | CS - 64 (0.5') | 94 | 101 |
| 880-69773-65 | CS - 65 (0.5') | 96 | 99 |
| 880-69773-66 | CS - 66 (0.5') | 95 | 101 |
| 880-69773-67 | CS - 67 (0.5') | 93 | 103 |
| 880-69773-68 | CS - 68 (0.5') | 100 | 101 |
| 880-69773-69 | CS - 69 (0.5') | 100 | 97 |
| 880-69773-70 | CS - 70 (0.5') | 96 | 99 |
| 880-69773-71 | CS - 71 (0.5') | 101 | 104 |
| 880-69773-72 | CS - 72 (0.5') | 97 | 103 |
| 880-69773-73 | CS - 73 (0.5') | 101 | 99 |
| 880-69773-74 | CS - 74 (0.5') | 105 | 100 |
| 880-69773-75 | CS - 75 (0.5') | 91 | 98 |
| 880-69773-76 | CS - 76 (0.5') | 91 | 103 |
| 880-69773-77 | CS - 77 (0.5') | 100 | 96 |
| 880-69773-78 | CS - 78 (0.5') | 95 | 103 |
| LCS 880-135591/1-A | Lab Control Sample | 18 S1- | 5 S1- |
| LCS 880-135592/1-A | Lab Control Sample | 114 | 95 |
| LCS 880-135593/1-A | Lab Control Sample | 103 | 102 |
| LCS 880-135594/1-A | Lab Control Sample | 96 | 102 |
| LCSD 880-135591/2-A | Lab Control Sample Dup | 104 | 100 |
| LCSD 880-135592/2-A | Lab Control Sample Dup | 103 | 90 |
| LCSD 880-135593/2-A | Lab Control Sample Dup | 82 | 89 |
| LCSD 880-135594/2-A | Lab Control Sample Dup | 102 | 102 |
| MB 880-135258/5-A | Method Blank | 230 S1+ | 127 |
| MB 880-135562/5-A | Method Blank | 94 | 96 |
| MB 880-135585/5-A | Method Blank | 96 | 93 |
| MB 880-135591/5-A | Method Blank | 97 | 96 |
| MB 880-135592/5-A | Method Blank | 191 S1+ | 106 |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
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) |
|---|---|---|---|
| MB 880-135593/5-A | Method Blank | 117 | 100 |
| MB 880-135594/5-A | Method Blank | 99 | 95 |

**Surrogate Legend**

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

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

**Matrix: Solid** **Prep Type: Total/NA**

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130) | OTPH1 (70-130) |
|---|---|---|---|
| 880-69663-A-32-E MS | Matrix Spike | 130 | 119 |
| 880-69663-A-32-F MSD | Matrix Spike Duplicate | 132 S1+ | 122 |
| 880-69773-1 | CS - 1 (0.5') | 96 | 130 |
| 880-69773-1 MS | CS - 1 (0.5') | 129 | 135 S1+ |
| 880-69773-1 MSD | CS - 1 (0.5') | 129 | 135 S1+ |
| 880-69773-2 | CS - 2 (0.5') | 92 | 118 |
| 880-69773-3 | CS - 3 (0.5') | 79 | 92 |
| 880-69773-4 | CS - 4 (0.5') | 85 | 113 |
| 880-69773-5 | CS - 5 (0.5') | 81 | 103 |
| 880-69773-6 | CS - 6 (0.5') | 99 | 116 |
| 880-69773-7 | CS - 7 (0.5') | 83 | 106 |
| 880-69773-8 | CS - 8 (0.5') | 75 | 95 |
| 880-69773-9 | CS - 9 (0.5') | 98 | 136 S1+ |
| 880-69773-10 | CS - 10 (0.5') | 94 | 123 |
| 880-69773-11 | CS - 11 (0.5') | 101 | 133 S1+ |
| 880-69773-12 | CS - 12 (0.5') | 98 | 128 |
| 880-69773-13 | CS - 13 (0.5') | 97 | 130 |
| 880-69773-14 | CS - 14 (0.5') | 95 | 131 S1+ |
| 880-69773-15 | CS - 15 (0.5') | 97 | 120 |
| 880-69773-16 | CS - 16 (0.5') | 100 | 132 S1+ |
| 880-69773-17 | CS - 17 (0.5') | 99 | 132 S1+ |
| 880-69773-18 | CS - 18 (0.5') | 102 | 126 |
| 880-69773-19 | CS - 19 (0.5') | 100 | 133 S1+ |
| 880-69773-20 | CS - 20 (0.5') | 101 | 128 |
| 880-69773-21 | CS - 21 (0.5') | 112 | 104 |
| 880-69773-21 MS | CS - 21 (0.5') | 114 | 108 |
| 880-69773-21 MSD | CS - 21 (0.5') | 111 | 107 |
| 880-69773-22 | CS - 22 (0.5') | 115 | 103 |
| 880-69773-23 | CS - 23 (0.5') | 112 | 103 |
| 880-69773-24 | CS - 24 (0.5') | 114 | 102 |
| 880-69773-25 | CS - 25 (0.5') | 113 | 104 |
| 880-69773-26 | CS - 26 (0.5') | 110 | 100 |
| 880-69773-27 | CS - 27 (0.5') | 109 | 99 |
| 880-69773-28 | CS - 28 (0.5') | 104 | 93 |
| 880-69773-29 | CS - 29 (0.5') | 112 | 103 |
| 880-69773-30 | CS - 30 (0.5') | 111 | 101 |
| 880-69773-31 | CS - 31 (0.5') | 96 | 86 |
| 880-69773-32 | CS - 32 (0.5') | 102 | 90 |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
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) | | | | | | | | |
| 880-69773-33 | CS - 33 (0.5') | 108 | 99 | | | | | | | | |
| 880-69773-34 | CS - 34 (0.5') | 109 | 96 | | | | | | | | |
| 880-69773-35 | CS - 35 (0.5') | 110 | 100 | | | | | | | | |
| 880-69773-36 | CS - 36 (0.5') | 110 | 99 | | | | | | | | |
| 880-69773-37 | CS - 37 (0.5') | 112 | 102 | | | | | | | | |
| 880-69773-38 | CS - 38 (0.5') | 112 | 102 | | | | | | | | |
| 880-69773-39 | CS - 39 (0.5') | 107 | 96 | | | | | | | | |
| 880-69773-40 | CS - 40 (0.5') | 113 | 104 | | | | | | | | |
| 880-69773-41 | CS - 41 (0.5') | 105 | 122 | | | | | | | | |
| 880-69773-41 MS | CS - 41 (0.5') | 109 | 134 S1+ | | | | | | | | |
| 880-69773-41 MSD | CS - 41 (0.5') | 142 S1+ | 131 S1+ | | | | | | | | |
| 880-69773-42 | CS - 42 (0.5') | 113 | 119 | | | | | | | | |
| 880-69773-43 | CS - 43 (0.5') | 114 | 133 S1+ | | | | | | | | |
| 880-69773-44 | CS - 44 (0.5') | 117 | 132 S1+ | | | | | | | | |
| 880-69773-45 | CS - 45 (0.5') | 120 | 141 S1+ | | | | | | | | |
| 880-69773-46 | CS - 46 (0.5') | 121 | 142 S1+ | | | | | | | | |
| 880-69773-47 | CS - 47 (0.5') | 116 | 131 S1+ | | | | | | | | |
| 880-69773-48 | CS - 48 (0.5') | 113 | 131 S1+ | | | | | | | | |
| 880-69773-49 | CS - 49 (0.5') | 120 | 138 S1+ | | | | | | | | |
| 880-69773-50 | CS - 50 (0.5') | 117 | 134 S1+ | | | | | | | | |
| 880-69773-51 | CS - 51 (0.5') | 114 | 124 | | | | | | | | |
| 880-69773-52 | CS - 52 (0.5') | 120 | 136 S1+ | | | | | | | | |
| 880-69773-53 | CS - 53 (0.5') | 119 | 135 S1+ | | | | | | | | |
| 880-69773-54 | CS - 54 (0.5') | 122 | 139 S1+ | | | | | | | | |
| 880-69773-55 | CS - 55 (0.5') | 118 | 139 S1+ | | | | | | | | |
| 880-69773-56 | CS - 56 (0.5') | 126 | 155 S1+ | | | | | | | | |
| 880-69773-57 | CS - 57 (0.5') | 116 | 114 | | | | | | | | |
| 880-69773-58 | CS - 58 (0.5') | 118 | 134 S1+ | | | | | | | | |
| 880-69773-59 | CS - 59 (0.5') | 122 | 137 S1+ | | | | | | | | |
| 880-69773-60 | CS - 60 (0.5') | 116 | 132 S1+ | | | | | | | | |
| 880-69773-61 | CS - 61 (0.5') | 84 | 78 | | | | | | | | |
| 880-69773-61 MS | CS - 61 (0.5') | 99 | 98 | | | | | | | | |
| 880-69773-61 MSD | CS - 61 (0.5') | 98 | 97 | | | | | | | | |
| 880-69773-62 | CS - 62 (0.5') | 77 | 71 | | | | | | | | |
| 880-69773-63 | CS - 63 (0.5') | 91 | 86 | | | | | | | | |
| 880-69773-64 | CS - 64 (0.5') | 106 | 103 | | | | | | | | |
| 880-69773-65 | CS - 65 (0.5') | 100 | 96 | | | | | | | | |
| 880-69773-66 | CS - 66 (0.5') | 101 | 95 | | | | | | | | |
| 880-69773-67 | CS - 67 (0.5') | 100 | 98 | | | | | | | | |
| 880-69773-68 | CS - 68 (0.5') | 92 | 88 | | | | | | | | |
| 880-69773-69 | CS - 69 (0.5') | 100 | 94 | | | | | | | | |
| 880-69773-70 | CS - 70 (0.5') | 100 | 94 | | | | | | | | |
| 880-69773-71 | CS - 71 (0.5') | 100 | 100 | | | | | | | | |
| 880-69773-72 | CS - 72 (0.5') | 79 | 72 | | | | | | | | |
| 880-69773-73 | CS - 73 (0.5') | 96 | 88 | | | | | | | | |
| 880-69773-74 | CS - 74 (0.5') | 101 | 95 | | | | | | | | |
| 880-69773-75 | CS - 75 (0.5') | 96 | 90 | | | | | | | | |
| 880-69773-76 | CS - 76 (0.5') | 101 | 92 | | | | | | | | |
| 880-69773-77 | CS - 77 (0.5') | 103 | 92 | | | | | | | | |
| 880-69773-78 | CS - 78 (0.5') | 101 | 94 | | | | | | | | |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

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

**Matrix: Solid**

**Prep Type: Total/NA**

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130) | OTPH1 (70-130) |
|---|---|---|---|
| LCS 880-135180/2-A | Lab Control Sample | 98 | 96 |
| LCS 880-135326/2-A | Lab Control Sample | 92 | 88 |
| LCS 880-135327/2-A | Lab Control Sample | 88 | 85 |
| LCS 880-135328/2-A | Lab Control Sample | 74 | 93 |
| LCS 880-135329/2-A | Lab Control Sample | 85 | 82 |
| LCSD 880-135180/3-A | Lab Control Sample Dup | 97 | 93 |
| LCSD 880-135326/3-A | Lab Control Sample Dup | 78 | 98 |
| LCSD 880-135327/3-A | Lab Control Sample Dup | 88 | 86 |
| LCSD 880-135328/3-A | Lab Control Sample Dup | 77 | 98 |
| LCSD 880-135329/3-A | Lab Control Sample Dup | 86 | 83 |
| MB 880-135180/1-A | Method Blank | 130 | 120 |
| MB 880-135326/1-A | Method Blank | 148 S1+ | 174 S1+ |
| MB 880-135327/1-A | Method Blank | 93 | 84 |
| MB 880-135328/1-A | Method Blank | 112 | 115 |
| MB 880-135329/1-A | Method Blank | 155 S1+ | 139 S1+ |

**Surrogate Legend**

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

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

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

**Lab Sample ID: MB 880-135258/5-A**
**Matrix: Solid**
**Analysis Batch: 135586**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135258**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/18/26 10:10 | 03/22/26 11:13 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/18/26 10:10 | 03/22/26 11:13 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/18/26 10:10 | 03/22/26 11:13 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/18/26 10:10 | 03/22/26 11:13 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/18/26 10:10 | 03/22/26 11:13 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/18/26 10:10 | 03/22/26 11:13 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *230* | *S1+* | *70 - 130* | *03/18/26 10:10* | *03/22/26 11:13* | *1* |
| *1,4-Difluorobenzene (Surr)* | *127* | | *70 - 130* | *03/18/26 10:10* | *03/22/26 11:13* | *1* |

**Lab Sample ID: MB 880-135562/5-A**
**Matrix: Solid**
**Analysis Batch: 135578**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135562**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/20/26 15:36 | 03/22/26 13:06 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/20/26 15:36 | 03/22/26 13:06 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/20/26 15:36 | 03/22/26 13:06 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/20/26 15:36 | 03/22/26 13:06 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/20/26 15:36 | 03/22/26 13:06 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/20/26 15:36 | 03/22/26 13:06 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *70 - 130* | *03/20/26 15:36* | *03/22/26 13:06* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *03/20/26 15:36* | *03/22/26 13:06* | *1* |

**Lab Sample ID: MB 880-135585/5-A**
**Matrix: Solid**
**Analysis Batch: 135579**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135585**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:00 | 03/22/26 10:54 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:00 | 03/22/26 10:54 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:00 | 03/22/26 10:54 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/22/26 08:00 | 03/22/26 10:54 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:00 | 03/22/26 10:54 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/22/26 08:00 | 03/22/26 10:54 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *03/22/26 08:00* | *03/22/26 10:54* | *1* |
| *1,4-Difluorobenzene (Surr)* | *93* | | *70 - 130* | *03/22/26 08:00* | *03/22/26 10:54* | *1* |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

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

**Lab Sample ID: MB 880-135591/5-A**
**Matrix: Solid**
**Analysis Batch: 135579**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135591**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 21:43 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 21:43 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 21:43 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 21:43 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 21:43 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/22/26 08:12 | 03/22/26 21:43 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *03/22/26 08:12* | *03/22/26 21:43* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *03/22/26 08:12* | *03/22/26 21:43* | *1* |

**Lab Sample ID: LCS 880-135591/1-A**
**Matrix: Solid**
**Analysis Batch: 135579**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135591**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.1051 | | mg/Kg | | 105 | 70 - 130 |
| Toluene | 0.100 | 0.07542 | | mg/Kg | | 75 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.04753 | *- | mg/Kg | | 48 | 70 - 130 |
| m,p-Xylenes | 0.200 | 0.1231 | *- | mg/Kg | | 62 | 70 - 130 |
| o-Xylene | 0.100 | 0.04380 | *- | mg/Kg | | 44 | 70 - 130 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *18* | *S1-* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *5* | *S1-* | *70 - 130* |

**Lab Sample ID: LCSD 880-135591/2-A**
**Matrix: Solid**
**Analysis Batch: 135579**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135591**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.1087 | | mg/Kg | | 109 | 70 - 130 | 3 | 35 |
| Toluene | 0.100 | 0.09846 | | mg/Kg | | 98 | 70 - 130 | 26 | 35 |
| Ethylbenzene | 0.100 | 0.1071 | *1 | mg/Kg | | 107 | 70 - 130 | 77 | 35 |
| m,p-Xylenes | 0.200 | 0.2056 | *1 | mg/Kg | | 103 | 70 - 130 | 50 | 35 |
| o-Xylene | 0.100 | 0.1036 | *1 | mg/Kg | | 104 | 70 - 130 | 81 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* |

**Lab Sample ID: 880-69773-1 MS**
**Matrix: Solid**
**Analysis Batch: 135579**

**Client Sample ID: CS - 1 (0.5')**
**Prep Type: Total/NA**
**Prep Batch: 135591**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.1037 | | mg/Kg | | 104 | 70 - 130 |
| Toluene | <0.00200 | U | 0.100 | 0.08863 | | mg/Kg | | 89 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 880-69773-1 MS**
**Matrix: Solid**
**Analysis Batch: 135579**

**Client Sample ID: CS - 1 (0.5')**
**Prep Type: Total/NA**
**Prep Batch: 135591**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | <0.00200 | U *- *1 | 0.100 | 0.1071 | | mg/Kg | | 107 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U *- *1 | 0.200 | 0.2011 | | mg/Kg | | 101 | 70 - 130 |
| o-Xylene | <0.00200 | U *- *1 | 0.100 | 0.1027 | | mg/Kg | | 103 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *108* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *88* | | *70 - 130* |

**Lab Sample ID: 880-69773-1 MSD**
**Matrix: Solid**
**Analysis Batch: 135579**

**Client Sample ID: CS - 1 (0.5')**
**Prep Type: Total/NA**
**Prep Batch: 135591**

| 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 | 0.1135 | | mg/Kg | | 113 | 70 - 130 | 9 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.09692 | | mg/Kg | | 97 | 70 - 130 | 9 | 35 |
| Ethylbenzene | <0.00200 | U *- *1 | 0.100 | 0.1072 | | mg/Kg | | 107 | 70 - 130 | 0 | 35 |
| m,p-Xylenes | <0.00399 | U *- *1 | 0.200 | 0.2044 | | mg/Kg | | 102 | 70 - 130 | 2 | 35 |
| o-Xylene | <0.00200 | U *- *1 | 0.100 | 0.1022 | | mg/Kg | | 102 | 70 - 130 | 0 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* |

**Lab Sample ID: MB 880-135592/5-A**
**Matrix: Solid**
**Analysis Batch: 135586**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135592**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 22:51 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 22:51 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 22:51 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 22:51 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 22:51 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 22:51 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *191* | *S1+* | *70 - 130* | *03/22/26 08:13* | *03/22/26 22:51* | *1* |
| *1,4-Difluorobenzene (Surr)* | *106* | | *70 - 130* | *03/22/26 08:13* | *03/22/26 22:51* | *1* |

**Lab Sample ID: LCS 880-135592/1-A**
**Matrix: Solid**
**Analysis Batch: 135586**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135592**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.1172 | | mg/Kg | | 117 | 70 - 130 |
| Toluene | 0.100 | 0.1045 | | mg/Kg | | 104 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.1353 | *+ | mg/Kg | | 135 | 70 - 130 |
| m,p-Xylenes | 0.200 | 0.2393 | | mg/Kg | | 120 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

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

**Lab Sample ID: LCS 880-135592/1-A**
**Matrix: Solid**
**Analysis Batch: 135586**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135592**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| o-Xylene | | | 0.100 | 0.1284 | | mg/Kg | | 128 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *114* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135592/2-A**
**Matrix: Solid**
**Analysis Batch: 135586**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135592**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1050 | | mg/Kg | | 105 | 70 - 130 | 11 | 35 |
| Toluene | | | 0.100 | 0.1003 | | mg/Kg | | 100 | 70 - 130 | 4 | 35 |
| Ethylbenzene | | | 0.100 | 0.1155 | | mg/Kg | | 115 | 70 - 130 | 16 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2079 | | mg/Kg | | 104 | 70 - 130 | 14 | 35 |
| o-Xylene | | | 0.100 | 0.1116 | | mg/Kg | | 112 | 70 - 130 | 14 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *90* | | *70 - 130* |

**Lab Sample ID: 880-69773-21 MS**
**Matrix: Solid**
**Analysis Batch: 135586**

**Client Sample ID: CS - 21 (0.5')**
**Prep Type: Total/NA**
**Prep Batch: 135592**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.1071 | | mg/Kg | | 107 | 70 - 130 | | |
| Toluene | <0.00200 | U | 0.100 | 0.09493 | | mg/Kg | | 95 | 70 - 130 | | |
| Ethylbenzene | <0.00200 | U *+ | 0.100 | 0.1080 | | mg/Kg | | 108 | 70 - 130 | | |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.2115 | | mg/Kg | | 106 | 70 - 130 | | |
| o-Xylene | <0.00200 | U | 0.100 | 0.1142 | | mg/Kg | | 114 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *113* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* |

**Lab Sample ID: 880-69773-21 MSD**
**Matrix: Solid**
**Analysis Batch: 135586**

**Client Sample ID: CS - 21 (0.5')**
**Prep Type: Total/NA**
**Prep Batch: 135592**

| 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 | 0.1108 | | mg/Kg | | 111 | 70 - 130 | 3 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.09484 | | mg/Kg | | 95 | 70 - 130 | 0 | 35 |
| Ethylbenzene | <0.00200 | U *+ | 0.100 | 0.1099 | | mg/Kg | | 110 | 70 - 130 | 2 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.2094 | | mg/Kg | | 105 | 70 - 130 | 1 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.1136 | | mg/Kg | | 114 | 70 - 130 | 0 | 35 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 880-69773-21 MSD**
**Matrix: Solid**
**Analysis Batch: 135586**

**Client Sample ID: CS - 21 (0.5')**
**Prep Type: Total/NA**
**Prep Batch: 135592**

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

**Lab Sample ID: MB 880-135593/5-A**
**Matrix: Solid**
**Analysis Batch: 135588**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135593**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 21:39 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 21:39 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 21:39 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 21:39 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 21:39 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/22/26 08:13 | 03/22/26 21:39 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *117* | | *70 - 130* | *03/22/26 08:13* | *03/22/26 21:39* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *03/22/26 08:13* | *03/22/26 21:39* | *1* |

**Lab Sample ID: LCS 880-135593/1-A**
**Matrix: Solid**
**Analysis Batch: 135588**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135593**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1097 | | mg/Kg | | 110 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.09947 | | mg/Kg | | 99 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.09088 | | mg/Kg | | 91 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2044 | | mg/Kg | | 102 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1088 | | mg/Kg | | 109 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135593/2-A**
**Matrix: Solid**
**Analysis Batch: 135588**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135593**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09190 | | mg/Kg | | 92 | 70 - 130 | 18 | 35 |
| Toluene | | | 0.100 | 0.08622 | | mg/Kg | | 86 | 70 - 130 | 14 | 35 |
| Ethylbenzene | | | 0.100 | 0.09975 | | mg/Kg | | 100 | 70 - 130 | 9 | 35 |
| m,p-Xylenes | | | 0.200 | 0.1720 | | mg/Kg | | 86 | 70 - 130 | 17 | 35 |
| o-Xylene | | | 0.100 | 0.08494 | | mg/Kg | | 85 | 70 - 130 | 25 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *70 - 130* |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

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

**Lab Sample ID: LCSD 880-135593/2-A**
**Matrix: Solid**
**Analysis Batch: 135588**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135593**

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1,4-Difluorobenzene (Surr) | 89 | | 70 - 130 |

**Lab Sample ID: 880-69773-41 MS**
**Matrix: Solid**
**Analysis Batch: 135588**

**Client Sample ID: CS - 41 (0.5')**
**Prep Type: Total/NA**
**Prep Batch: 135593**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.09833 | | mg/Kg | | 98 | 70 - 130 |
| Toluene | <0.00200 | U | 0.100 | 0.08968 | | mg/Kg | | 90 | 70 - 130 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.07308 | | mg/Kg | | 73 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1629 | | mg/Kg | | 81 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.100 | 0.08303 | | mg/Kg | | 83 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 84 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 |

**Lab Sample ID: 880-69773-41 MSD**
**Matrix: Solid**
**Analysis Batch: 135588**

**Client Sample ID: CS - 41 (0.5')**
**Prep Type: Total/NA**
**Prep Batch: 135593**

| 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 | 0.09436 | | mg/Kg | | 94 | 70 - 130 | 4 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.08831 | | mg/Kg | | 88 | 70 - 130 | 2 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.09540 | | mg/Kg | | 95 | 70 - 130 | 26 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1794 | | mg/Kg | | 90 | 70 - 130 | 10 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.08834 | | mg/Kg | | 88 | 70 - 130 | 6 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 105 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 89 | | 70 - 130 |

**Lab Sample ID: MB 880-135594/5-A**
**Matrix: Solid**
**Analysis Batch: 135578**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135594**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 00:02 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 00:02 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 00:02 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 00:02 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 00:02 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/22/26 08:14 | 03/23/26 00:02 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 99 | | 70 - 130 | 03/22/26 08:14 | 03/23/26 00:02 | 1 |
| 1,4-Difluorobenzene (Surr) | 95 | | 70 - 130 | 03/22/26 08:14 | 03/23/26 00:02 | 1 |

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# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

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

**Lab Sample ID: LCS 880-135594/1-A**
**Matrix: Solid**
**Analysis Batch: 135578**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135594**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09852 | | mg/Kg | | 99 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.1061 | | mg/Kg | | 106 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1014 | | mg/Kg | | 101 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2063 | | mg/Kg | | 103 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.09768 | | mg/Kg | | 98 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135594/2-A**
**Matrix: Solid**
**Analysis Batch: 135578**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135594**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09733 | | mg/Kg | | 97 | 70 - 130 | 1 | 35 |
| Toluene | | | 0.100 | 0.1097 | | mg/Kg | | 110 | 70 - 130 | 3 | 35 |
| Ethylbenzene | | | 0.100 | 0.1071 | | mg/Kg | | 107 | 70 - 130 | 5 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2197 | | mg/Kg | | 110 | 70 - 130 | 6 | 35 |
| o-Xylene | | | 0.100 | 0.1040 | | mg/Kg | | 104 | 70 - 130 | 6 | 35 |

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

**Lab Sample ID: 880-69773-61 MS**
**Matrix: Solid**
**Analysis Batch: 135578**

**Client Sample ID: CS - 61 (0.5')**
**Prep Type: Total/NA**
**Prep Batch: 135594**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.09646 | | mg/Kg | | 96 | 70 - 130 | | |
| Toluene | <0.00200 | U | 0.100 | 0.09708 | | mg/Kg | | 97 | 70 - 130 | | |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.08828 | | mg/Kg | | 88 | 70 - 130 | | |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1743 | | mg/Kg | | 87 | 70 - 130 | | |
| o-Xylene | <0.00200 | U | 0.100 | 0.08244 | | mg/Kg | | 82 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *106* | | *70 - 130* |

**Lab Sample ID: 880-69773-61 MSD**
**Matrix: Solid**
**Analysis Batch: 135578**

**Client Sample ID: CS - 61 (0.5')**
**Prep Type: Total/NA**
**Prep Batch: 135594**

| 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 | 0.09648 | | mg/Kg | | 96 | 70 - 130 | 0 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.09627 | | mg/Kg | | 96 | 70 - 130 | 1 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.08862 | | mg/Kg | | 89 | 70 - 130 | 0 | 35 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 880-69773-61 MSD**
**Matrix: Solid**
**Analysis Batch: 135578**

**Client Sample ID: CS - 61 (0.5')**
**Prep Type: Total/NA**
**Prep Batch: 135594**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1771 | | mg/Kg | | 89 | 70 - 130 | 2 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.08377 | | mg/Kg | | 84 | 70 - 130 | 2 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *105* | | *70 - 130* |

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

**Lab Sample ID: MB 880-135180/1-A**
**Matrix: Solid**
**Analysis Batch: 135628**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135180**

| 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 | | 03/17/26 17:28 | 03/23/26 07:52 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/17/26 17:28 | 03/23/26 07:52 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/17/26 17:28 | 03/23/26 07:52 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *130* | | *70 - 130* | *03/17/26 17:28* | *03/23/26 07:52* | *1* |
| *o-Terphenyl (Surr)* | *120* | | *70 - 130* | *03/17/26 17:28* | *03/23/26 07:52* | *1* |

**Lab Sample ID: LCS 880-135180/2-A**
**Matrix: Solid**
**Analysis Batch: 135628**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135180**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 1122 | | mg/Kg | | 112 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 1112 | | mg/Kg | | 111 | 70 - 130 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *98* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *96* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135180/3-A**
**Matrix: Solid**
**Analysis Batch: 135628**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135180**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 1200 | | mg/Kg | | 120 | 70 - 130 | 7 | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 1107 | | mg/Kg | | 111 | 70 - 130 | 0 | 20 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

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

**Lab Sample ID: LCSD 880-135180/3-A**
**Matrix: Solid**
**Analysis Batch: 135628**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135180**

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 97 | | 70 - 130 |
| o-Terphenyl (Surr) | 93 | | 70 - 130 |

**Lab Sample ID: 880-69663-A-32-E MS**
**Matrix: Solid**
**Analysis Batch: 135628**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 135180**

| 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 | 1000 | 1387 | F1 | mg/Kg | | 136 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 1000 | 1292 | | mg/Kg | | 128 | 70 - 130 | | |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 130 | | 70 - 130 |
| o-Terphenyl (Surr) | 119 | | 70 - 130 |

**Lab Sample ID: 880-69663-A-32-F MSD**
**Matrix: Solid**
**Analysis Batch: 135628**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 135180**

| 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 | 1000 | 1415 | F1 | mg/Kg | | 139 | 70 - 130 | 2 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 1000 | 1299 | | mg/Kg | | 128 | 70 - 130 | 1 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 132 | S1+ | 70 - 130 |
| o-Terphenyl (Surr) | 122 | | 70 - 130 |

**Lab Sample ID: MB 880-135326/1-A**
**Matrix: Solid**
**Analysis Batch: 135477**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135326**

| 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 | | 03/18/26 17:22 | 03/20/26 15:24 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:22 | 03/20/26 15:24 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:22 | 03/20/26 15:24 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 148 | S1+ | 70 - 130 | 03/18/26 17:22 | 03/20/26 15:24 | 1 |
| o-Terphenyl (Surr) | 174 | S1+ | 70 - 130 | 03/18/26 17:22 | 03/20/26 15:24 | 1 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

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

**Lab Sample ID: LCS 880-135326/2-A**
**Matrix: Solid**
**Analysis Batch: 135477**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135326**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 689.5 | *- | mg/Kg | | 69 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 720.7 | | mg/Kg | | 72 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *92* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *88* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135326/3-A**
**Matrix: Solid**
**Analysis Batch: 135477**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135326**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 751.9 | | mg/Kg | | 75 | 70 - 130 | 9 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 847.9 | | mg/Kg | | 85 | 70 - 130 | 16 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *78* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *98* | | *70 - 130* |

**Lab Sample ID: 880-69773-1 MS**
**Matrix: Solid**
**Analysis Batch: 135477**

**Client Sample ID: CS - 1 (0.5')**
**Prep Type: Total/NA**
**Prep Batch: 135326**

| 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 | 1082 | | mg/Kg | | 108 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 1048 | | mg/Kg | | 105 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *129* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *135* | *S1+* | *70 - 130* |

**Lab Sample ID: 880-69773-1 MSD**
**Matrix: Solid**
**Analysis Batch: 135477**

**Client Sample ID: CS - 1 (0.5')**
**Prep Type: Total/NA**
**Prep Batch: 135326**

| 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 | 1092 | | mg/Kg | | 109 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 1071 | | mg/Kg | | 107 | 70 - 130 | 2 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *129* | | *70 - 130* |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 880-69773-1 MSD**
**Matrix: Solid**
**Analysis Batch: 135477**

**Client Sample ID: CS - 1 (0.5')**
**Prep Type: Total/NA**
**Prep Batch: 135326**

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| o-Terphenyl (Surr) | 135 | S1+ | 70 - 130 |

**Lab Sample ID: MB 880-135327/1-A**
**Matrix: Solid**
**Analysis Batch: 135480**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135327**

| 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 | | 03/18/26 17:24 | 03/21/26 00:59 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 00:59 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:24 | 03/21/26 00:59 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 93 | | 70 - 130 | 03/18/26 17:24 | 03/21/26 00:59 | 1 |
| o-Terphenyl (Surr) | 84 | | 70 - 130 | 03/18/26 17:24 | 03/21/26 00:59 | 1 |

**Lab Sample ID: LCS 880-135327/2-A**
**Matrix: Solid**
**Analysis Batch: 135480**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135327**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1028 | | mg/Kg | | 103 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1008 | | mg/Kg | | 101 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 88 | | 70 - 130 |
| o-Terphenyl (Surr) | 85 | | 70 - 130 |

**Lab Sample ID: LCSD 880-135327/3-A**
**Matrix: Solid**
**Analysis Batch: 135480**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135327**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1040 | | mg/Kg | | 104 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1025 | | mg/Kg | | 103 | 70 - 130 | 2 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 88 | | 70 - 130 |
| o-Terphenyl (Surr) | 86 | | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 880-69773-21 MS** | **Client Sample ID: CS - 21 (0.5')**
**Matrix: Solid** | **Prep Type: Total/NA**
**Analysis Batch: 135480** | **Prep Batch: 135327**

| 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 | 1334 | F1 | mg/Kg | | 132 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 1215 | | mg/Kg | | 122 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *114* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *108* | | *70 - 130* |

**Lab Sample ID: 880-69773-21 MSD** | **Client Sample ID: CS - 21 (0.5')**
**Matrix: Solid** | **Prep Type: Total/NA**
**Analysis Batch: 135480** | **Prep Batch: 135327**

| 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 | 1326 | F1 | mg/Kg | | 131 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 1199 | | mg/Kg | | 120 | 70 - 130 | 1 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *111* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* |

**Lab Sample ID: MB 880-135328/1-A** | **Client Sample ID: Method Blank**
**Matrix: Solid** | **Prep Type: Total/NA**
**Analysis Batch: 135477** | **Prep Batch: 135328**

| 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 | | 03/18/26 17:25 | 03/21/26 01:14 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 01:14 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/21/26 01:14 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *112* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 01:14* | *1* |
| *o-Terphenyl (Surr)* | *115* | | *70 - 130* | *03/18/26 17:25* | *03/21/26 01:14* | *1* |

**Lab Sample ID: LCS 880-135328/2-A** | **Client Sample ID: Lab Control Sample**
**Matrix: Solid** | **Prep Type: Total/NA**
**Analysis Batch: 135477** | **Prep Batch: 135328**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 711.4 | | mg/Kg | | 71 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 820.7 | | mg/Kg | | 82 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

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

**Lab Sample ID: LCS 880-135328/2-A**
**Matrix: Solid**
**Analysis Batch: 135477**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135328**

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 74 | | 70 - 130 |
| o-Terphenyl (Surr) | 93 | | 70 - 130 |

**Lab Sample ID: LCSD 880-135328/3-A**
**Matrix: Solid**
**Analysis Batch: 135477**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135328**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 751.4 | | mg/Kg | | 75 | 70 - 130 | 5 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 846.7 | | mg/Kg | | 85 | 70 - 130 | 3 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 77 | | 70 - 130 |
| o-Terphenyl (Surr) | 98 | | 70 - 130 |

**Lab Sample ID: 880-69773-41 MS**
**Matrix: Solid**
**Analysis Batch: 135477**

**Client Sample ID: CS - 41 (0.5')**
**Prep Type: Total/NA**
**Prep Batch: 135328**

| 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 | 996 | 1036 | | mg/Kg | | 104 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 996 | 1082 | | mg/Kg | | 109 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 109 | | 70 - 130 |
| o-Terphenyl (Surr) | 134 | S1+ | 70 - 130 |

**Lab Sample ID: 880-69773-41 MSD**
**Matrix: Solid**
**Analysis Batch: 135477**

**Client Sample ID: CS - 41 (0.5')**
**Prep Type: Total/NA**
**Prep Batch: 135328**

| 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 | 996 | 1123 | | mg/Kg | | 113 | 70 - 130 | 8 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 996 | 1035 | | mg/Kg | | 104 | 70 - 130 | 4 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 142 | S1+ | 70 - 130 |
| o-Terphenyl (Surr) | 131 | S1+ | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

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

**Lab Sample ID: MB 880-135329/1-A**
**Matrix: Solid**
**Analysis Batch: 135480**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135329**

| 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 | | 03/18/26 17:25 | 03/20/26 15:24 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 15:24 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/18/26 17:25 | 03/20/26 15:24 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *155* | *S1+* | *70 - 130* | *03/18/26 17:25* | *03/20/26 15:24* | *1* |
| *o-Terphenyl (Surr)* | *139* | *S1+* | *70 - 130* | *03/18/26 17:25* | *03/20/26 15:24* | *1* |

**Lab Sample ID: LCS 880-135329/2-A**
**Matrix: Solid**
**Analysis Batch: 135480**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135329**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 965.7 | | mg/Kg | | 97 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 951.9 | | mg/Kg | | 95 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *85* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *82* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135329/3-A**
**Matrix: Solid**
**Analysis Batch: 135480**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135329**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 995.5 | | mg/Kg | | 100 | 70 - 130 | 3 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 972.1 | | mg/Kg | | 97 | 70 - 130 | 2 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *86* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *83* | | *70 - 130* |

**Lab Sample ID: 880-69773-61 MS**
**Matrix: Solid**
**Analysis Batch: 135480**

**Client Sample ID: CS - 61 (0.5')**
**Prep Type: Total/NA**
**Prep Batch: 135329**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 998 | 1204 | | mg/Kg | | 119 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 998 | 1090 | | mg/Kg | | 109 | 70 - 130 | | |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 880-69773-61 MS**
**Matrix: Solid**
**Analysis Batch: 135480**

**Client Sample ID: CS - 61 (0.5')**
**Prep Type: Total/NA**
**Prep Batch: 135329**

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 99 | | 70 - 130 |
| o-Terphenyl (Surr) | 98 | | 70 - 130 |

**Lab Sample ID: 880-69773-61 MSD**
**Matrix: Solid**
**Analysis Batch: 135480**

**Client Sample ID: CS - 61 (0.5')**
**Prep Type: Total/NA**
**Prep Batch: 135329**

| 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 | <50.3 | U | 998 | 1205 | | mg/Kg | | 119 | 70 - 130 | 0 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 998 | 1084 | | mg/Kg | | 109 | 70 - 130 | 1 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 98 | | 70 - 130 |
| o-Terphenyl (Surr) | 97 | | 70 - 130 |

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-135333/1-A**
**Matrix: Solid**
**Analysis Batch: 135386**

**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 | | | 03/19/26 18:26 | 1 |

**Lab Sample ID: LCS 880-135333/2-A**
**Matrix: Solid**
**Analysis Batch: 135386**

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

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 246.3 | | mg/Kg | | 99 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-135333/3-A**
**Matrix: Solid**
**Analysis Batch: 135386**

**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 | 248.3 | | mg/Kg | | 99 | 90 - 110 | 1 | 20 |

**Lab Sample ID: 880-69773-1 MS**
**Matrix: Solid**
**Analysis Batch: 135386**

**Client Sample ID: CS - 1 (0.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 351 | | 248 | 573.2 | | mg/Kg | | 90 | 90 - 110 | | |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 880-69773-1 MSD**
**Matrix: Solid**
**Analysis Batch: 135386**

**Client Sample ID: CS - 1 (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 | 351 | | 248 | 574.8 | | mg/Kg | | 90 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-69773-11 MS**
**Matrix: Solid**
**Analysis Batch: 135386**

**Client Sample ID: CS - 11 (0.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 184 | | 252 | 421.9 | | mg/Kg | | 95 | 90 - 110 |

**Lab Sample ID: 880-69773-11 MSD**
**Matrix: Solid**
**Analysis Batch: 135386**

**Client Sample ID: CS - 11 (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 | 184 | | 252 | 423.8 | | mg/Kg | | 95 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-135334/1-A**
**Matrix: Solid**
**Analysis Batch: 135387**

**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 | | | 03/20/26 00:40 | 1 |

**Lab Sample ID: LCS 880-135334/2-A**
**Matrix: Solid**
**Analysis Batch: 135387**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 243.2 | | mg/Kg | | 97 | 90 - 110 |

**Lab Sample ID: LCSD 880-135334/3-A**
**Matrix: Solid**
**Analysis Batch: 135387**

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

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 250 | 242.8 | | mg/Kg | | 97 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-69773-21 MS**
**Matrix: Solid**
**Analysis Batch: 135387**

**Client Sample ID: CS - 21 (0.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 242 | | 250 | 488.2 | | mg/Kg | | 99 | 90 - 110 |

**Lab Sample ID: 880-69773-21 MSD**
**Matrix: Solid**
**Analysis Batch: 135387**

**Client Sample ID: CS - 21 (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 | 242 | | 250 | 489.5 | | mg/Kg | | 99 | 90 - 110 | 0 | 20 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: 880-69773-31 MS**
**Matrix: Solid**
**Analysis Batch: 135387**

**Client Sample ID: CS - 31 (0.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 746 | | 251 | 984.1 | | mg/Kg | | 95 | 90 - 110 |

**Lab Sample ID: 880-69773-31 MSD**
**Matrix: Solid**
**Analysis Batch: 135387**

**Client Sample ID: CS - 31 (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 | 746 | | 251 | 982.0 | | mg/Kg | | 94 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-135335/1-A**
**Matrix: Solid**
**Analysis Batch: 135388**

**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 | | | 03/19/26 15:51 | 1 |

**Lab Sample ID: LCS 880-135335/2-A**
**Matrix: Solid**
**Analysis Batch: 135388**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 235.7 | | mg/Kg | | 94 | 90 - 110 |

**Lab Sample ID: LCSD 880-135335/3-A**
**Matrix: Solid**
**Analysis Batch: 135388**

**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 | 238.6 | | mg/Kg | | 95 | 90 - 110 | 1 | 20 |

**Lab Sample ID: 880-69773-41 MS**
**Matrix: Solid**
**Analysis Batch: 135388**

**Client Sample ID: CS - 41 (0.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 1100 | | 252 | 1387 | 4 | mg/Kg | | 116 | 90 - 110 |

**Lab Sample ID: 880-69773-41 MSD**
**Matrix: Solid**
**Analysis Batch: 135388**

**Client Sample ID: CS - 41 (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 | 1100 | | 252 | 1327 | 4 | mg/Kg | | 92 | 90 - 110 | 4 | 20 |

**Lab Sample ID: 880-69773-51 MS**
**Matrix: Solid**
**Analysis Batch: 135388**

**Client Sample ID: CS - 51 (0.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 1320 | | 250 | 1527 | E 4 | mg/Kg | | 82 | 90 - 110 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: 880-69773-51 MSD**
**Matrix: Solid**
**Analysis Batch: 135388**

**Client Sample ID: CS - 51 (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 | 1320 | | 250 | 1529 | E 4 | mg/Kg | | 83 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-135336/1-A**
**Matrix: Solid**
**Analysis Batch: 135396**

**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 | | | 03/20/26 00:23 | 1 |

**Lab Sample ID: LCS 880-135336/2-A**
**Matrix: Solid**
**Analysis Batch: 135396**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 248.8 | | mg/Kg | | 100 | 90 - 110 |

**Lab Sample ID: LCSD 880-135336/3-A**
**Matrix: Solid**
**Analysis Batch: 135396**

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

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 250 | 250.4 | | mg/Kg | | 100 | 90 - 110 | 1 | 20 |

**Lab Sample ID: 880-69773-61 MS**
**Matrix: Solid**
**Analysis Batch: 135396**

**Client Sample ID: CS - 61 (0.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 589 | F1 | 249 | 795.2 | F1 | mg/Kg | | 83 | 90 - 110 |

**Lab Sample ID: 880-69773-61 MSD**
**Matrix: Solid**
**Analysis Batch: 135396**

**Client Sample ID: CS - 61 (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 | 589 | F1 | 249 | 798.3 | F1 | mg/Kg | | 84 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-69773-71 MS**
**Matrix: Solid**
**Analysis Batch: 135396**

**Client Sample ID: CS - 71 (0.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 71.1 | | 248 | 316.2 | | mg/Kg | | 99 | 90 - 110 |

**Lab Sample ID: 880-69773-71 MSD**
**Matrix: Solid**
**Analysis Batch: 135396**

**Client Sample ID: CS - 71 (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 | 71.1 | | 248 | 316.2 | | mg/Kg | | 99 | 90 - 110 | 0 | 20 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## GC VOA

### Prep Batch: 135258

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-135258/5-A | Method Blank | Total/NA | Solid | 5035 | |

### Prep Batch: 135562

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-135562/5-A | Method Blank | Total/NA | Solid | 5035 | |

### Analysis Batch: 135578

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-61 | CS - 61 (0.5') | Total/NA | Solid | 8021B | 135594 |
| 880-69773-62 | CS - 62 (0.5') | Total/NA | Solid | 8021B | 135594 |
| 880-69773-63 | CS - 63 (0.5') | Total/NA | Solid | 8021B | 135594 |
| 880-69773-64 | CS - 64 (0.5') | Total/NA | Solid | 8021B | 135594 |
| 880-69773-65 | CS - 65 (0.5') | Total/NA | Solid | 8021B | 135594 |
| 880-69773-66 | CS - 66 (0.5') | Total/NA | Solid | 8021B | 135594 |
| 880-69773-67 | CS - 67 (0.5') | Total/NA | Solid | 8021B | 135594 |
| 880-69773-68 | CS - 68 (0.5') | Total/NA | Solid | 8021B | 135594 |
| 880-69773-69 | CS - 69 (0.5') | Total/NA | Solid | 8021B | 135594 |
| 880-69773-70 | CS - 70 (0.5') | Total/NA | Solid | 8021B | 135594 |
| 880-69773-71 | CS - 71 (0.5') | Total/NA | Solid | 8021B | 135594 |
| 880-69773-72 | CS - 72 (0.5') | Total/NA | Solid | 8021B | 135594 |
| 880-69773-73 | CS - 73 (0.5') | Total/NA | Solid | 8021B | 135594 |
| 880-69773-74 | CS - 74 (0.5') | Total/NA | Solid | 8021B | 135594 |
| 880-69773-75 | CS - 75 (0.5') | Total/NA | Solid | 8021B | 135594 |
| 880-69773-76 | CS - 76 (0.5') | Total/NA | Solid | 8021B | 135594 |
| 880-69773-77 | CS - 77 (0.5') | Total/NA | Solid | 8021B | 135594 |
| 880-69773-78 | CS - 78 (0.5') | Total/NA | Solid | 8021B | 135594 |
| MB 880-135562/5-A | Method Blank | Total/NA | Solid | 8021B | 135562 |
| MB 880-135594/5-A | Method Blank | Total/NA | Solid | 8021B | 135594 |
| LCS 880-135594/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 135594 |
| LCSD 880-135594/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 135594 |
| 880-69773-61 MS | CS - 61 (0.5') | Total/NA | Solid | 8021B | 135594 |
| 880-69773-61 MSD | CS - 61 (0.5') | Total/NA | Solid | 8021B | 135594 |

### Analysis Batch: 135579

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-1 | CS - 1 (0.5') | Total/NA | Solid | 8021B | 135591 |
| 880-69773-2 | CS - 2 (0.5') | Total/NA | Solid | 8021B | 135591 |
| 880-69773-3 | CS - 3 (0.5') | Total/NA | Solid | 8021B | 135591 |
| 880-69773-4 | CS - 4 (0.5') | Total/NA | Solid | 8021B | 135591 |
| 880-69773-5 | CS - 5 (0.5') | Total/NA | Solid | 8021B | 135591 |
| 880-69773-6 | CS - 6 (0.5') | Total/NA | Solid | 8021B | 135591 |
| 880-69773-7 | CS - 7 (0.5') | Total/NA | Solid | 8021B | 135591 |
| 880-69773-8 | CS - 8 (0.5') | Total/NA | Solid | 8021B | 135591 |
| 880-69773-9 | CS - 9 (0.5') | Total/NA | Solid | 8021B | 135591 |
| 880-69773-10 | CS - 10 (0.5') | Total/NA | Solid | 8021B | 135591 |
| 880-69773-11 | CS - 11 (0.5') | Total/NA | Solid | 8021B | 135591 |
| 880-69773-12 | CS - 12 (0.5') | Total/NA | Solid | 8021B | 135591 |
| 880-69773-13 | CS - 13 (0.5') | Total/NA | Solid | 8021B | 135591 |
| 880-69773-14 | CS - 14 (0.5') | Total/NA | Solid | 8021B | 135591 |
| 880-69773-15 | CS - 15 (0.5') | Total/NA | Solid | 8021B | 135591 |
| 880-69773-16 | CS - 16 (0.5') | Total/NA | Solid | 8021B | 135591 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## GC VOA (Continued)

### Analysis Batch: 135579 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-17 | CS - 17 (0.5') | Total/NA | Solid | 8021B | 135591 |
| 880-69773-18 | CS - 18 (0.5') | Total/NA | Solid | 8021B | 135591 |
| 880-69773-19 | CS - 19 (0.5') | Total/NA | Solid | 8021B | 135591 |
| 880-69773-20 | CS - 20 (0.5') | Total/NA | Solid | 8021B | 135591 |
| MB 880-135585/5-A | Method Blank | Total/NA | Solid | 8021B | 135585 |
| MB 880-135591/5-A | Method Blank | Total/NA | Solid | 8021B | 135591 |
| LCS 880-135591/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 135591 |
| LCSD 880-135591/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 135591 |
| 880-69773-1 MS | CS - 1 (0.5') | Total/NA | Solid | 8021B | 135591 |
| 880-69773-1 MSD | CS - 1 (0.5') | Total/NA | Solid | 8021B | 135591 |

### Prep Batch: 135585

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-135585/5-A | Method Blank | Total/NA | Solid | 5035 | |

### Analysis Batch: 135586

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-21 | CS - 21 (0.5') | Total/NA | Solid | 8021B | 135592 |
| 880-69773-22 | CS - 22 (0.5') | Total/NA | Solid | 8021B | 135592 |
| 880-69773-23 | CS - 23 (0.5') | Total/NA | Solid | 8021B | 135592 |
| 880-69773-24 | CS - 24 (0.5') | Total/NA | Solid | 8021B | 135592 |
| 880-69773-25 | CS - 25 (0.5') | Total/NA | Solid | 8021B | 135592 |
| 880-69773-26 | CS - 26 (0.5') | Total/NA | Solid | 8021B | 135592 |
| 880-69773-27 | CS - 27 (0.5') | Total/NA | Solid | 8021B | 135592 |
| 880-69773-28 | CS - 28 (0.5') | Total/NA | Solid | 8021B | 135592 |
| 880-69773-29 | CS - 29 (0.5') | Total/NA | Solid | 8021B | 135592 |
| 880-69773-30 | CS - 30 (0.5') | Total/NA | Solid | 8021B | 135592 |
| 880-69773-31 | CS - 31 (0.5') | Total/NA | Solid | 8021B | 135592 |
| 880-69773-32 | CS - 32 (0.5') | Total/NA | Solid | 8021B | 135592 |
| 880-69773-33 | CS - 33 (0.5') | Total/NA | Solid | 8021B | 135592 |
| 880-69773-34 | CS - 34 (0.5') | Total/NA | Solid | 8021B | 135592 |
| 880-69773-35 | CS - 35 (0.5') | Total/NA | Solid | 8021B | 135592 |
| 880-69773-36 | CS - 36 (0.5') | Total/NA | Solid | 8021B | 135592 |
| 880-69773-37 | CS - 37 (0.5') | Total/NA | Solid | 8021B | 135592 |
| 880-69773-38 | CS - 38 (0.5') | Total/NA | Solid | 8021B | 135592 |
| 880-69773-39 | CS - 39 (0.5') | Total/NA | Solid | 8021B | 135592 |
| 880-69773-40 | CS - 40 (0.5') | Total/NA | Solid | 8021B | 135592 |
| MB 880-135258/5-A | Method Blank | Total/NA | Solid | 8021B | 135258 |
| MB 880-135592/5-A | Method Blank | Total/NA | Solid | 8021B | 135592 |
| LCS 880-135592/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 135592 |
| LCSD 880-135592/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 135592 |
| 880-69773-21 MS | CS - 21 (0.5') | Total/NA | Solid | 8021B | 135592 |
| 880-69773-21 MSD | CS - 21 (0.5') | Total/NA | Solid | 8021B | 135592 |

### Analysis Batch: 135588

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-41 | CS - 41 (0.5') | Total/NA | Solid | 8021B | 135593 |
| 880-69773-42 | CS - 42 (0.5') | Total/NA | Solid | 8021B | 135593 |
| 880-69773-43 | CS - 43 (0.5') | Total/NA | Solid | 8021B | 135593 |
| 880-69773-44 | CS - 44 (0.5') | Total/NA | Solid | 8021B | 135593 |
| 880-69773-45 | CS - 45 (0.5') | Total/NA | Solid | 8021B | 135593 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## GC VOA (Continued)

### Analysis Batch: 135588 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-46 | CS - 46 (0.5') | Total/NA | Solid | 8021B | 135593 |
| 880-69773-47 | CS - 47 (0.5') | Total/NA | Solid | 8021B | 135593 |
| 880-69773-48 | CS - 48 (0.5') | Total/NA | Solid | 8021B | 135593 |
| 880-69773-49 | CS - 49 (0.5') | Total/NA | Solid | 8021B | 135593 |
| 880-69773-50 | CS - 50 (0.5') | Total/NA | Solid | 8021B | 135593 |
| 880-69773-51 | CS - 51 (0.5') | Total/NA | Solid | 8021B | 135593 |
| 880-69773-52 | CS - 52 (0.5') | Total/NA | Solid | 8021B | 135593 |
| 880-69773-53 | CS - 53 (0.5') | Total/NA | Solid | 8021B | 135593 |
| 880-69773-54 | CS - 54 (0.5') | Total/NA | Solid | 8021B | 135593 |
| 880-69773-55 | CS - 55 (0.5') | Total/NA | Solid | 8021B | 135593 |
| 880-69773-56 | CS - 56 (0.5') | Total/NA | Solid | 8021B | 135593 |
| 880-69773-57 | CS - 57 (0.5') | Total/NA | Solid | 8021B | 135593 |
| 880-69773-58 | CS - 58 (0.5') | Total/NA | Solid | 8021B | 135593 |
| 880-69773-59 | CS - 59 (0.5') | Total/NA | Solid | 8021B | 135593 |
| 880-69773-60 | CS - 60 (0.5') | Total/NA | Solid | 8021B | 135593 |
| MB 880-135593/5-A | Method Blank | Total/NA | Solid | 8021B | 135593 |
| LCS 880-135593/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 135593 |
| LCSD 880-135593/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 135593 |
| 880-69773-41 MS | CS - 41 (0.5') | Total/NA | Solid | 8021B | 135593 |
| 880-69773-41 MSD | CS - 41 (0.5') | Total/NA | Solid | 8021B | 135593 |

### Prep Batch: 135591

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-1 | CS - 1 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-2 | CS - 2 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-3 | CS - 3 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-4 | CS - 4 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-5 | CS - 5 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-6 | CS - 6 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-7 | CS - 7 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-8 | CS - 8 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-9 | CS - 9 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-10 | CS - 10 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-11 | CS - 11 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-12 | CS - 12 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-13 | CS - 13 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-14 | CS - 14 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-15 | CS - 15 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-16 | CS - 16 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-17 | CS - 17 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-18 | CS - 18 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-19 | CS - 19 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-20 | CS - 20 (0.5') | Total/NA | Solid | 5035 | |
| MB 880-135591/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-135591/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-135591/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-69773-1 MS | CS - 1 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-1 MSD | CS - 1 (0.5') | Total/NA | Solid | 5035 | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## GC VOA

### Prep Batch: 135592

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-21 | CS - 21 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-22 | CS - 22 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-23 | CS - 23 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-24 | CS - 24 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-25 | CS - 25 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-26 | CS - 26 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-27 | CS - 27 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-28 | CS - 28 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-29 | CS - 29 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-30 | CS - 30 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-31 | CS - 31 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-32 | CS - 32 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-33 | CS - 33 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-34 | CS - 34 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-35 | CS - 35 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-36 | CS - 36 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-37 | CS - 37 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-38 | CS - 38 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-39 | CS - 39 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-40 | CS - 40 (0.5') | Total/NA | Solid | 5035 | |
| MB 880-135592/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-135592/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-135592/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-69773-21 MS | CS - 21 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-21 MSD | CS - 21 (0.5') | Total/NA | Solid | 5035 | |

### Prep Batch: 135593

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-41 | CS - 41 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-42 | CS - 42 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-43 | CS - 43 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-44 | CS - 44 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-45 | CS - 45 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-46 | CS - 46 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-47 | CS - 47 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-48 | CS - 48 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-49 | CS - 49 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-50 | CS - 50 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-51 | CS - 51 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-52 | CS - 52 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-53 | CS - 53 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-54 | CS - 54 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-55 | CS - 55 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-56 | CS - 56 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-57 | CS - 57 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-58 | CS - 58 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-59 | CS - 59 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-60 | CS - 60 (0.5') | Total/NA | Solid | 5035 | |
| MB 880-135593/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-135593/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-135593/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## GC VOA (Continued)

### Prep Batch: 135593 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-41 MS | CS - 41 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-41 MSD | CS - 41 (0.5') | Total/NA | Solid | 5035 | |

### Prep Batch: 135594

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-61 | CS - 61 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-62 | CS - 62 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-63 | CS - 63 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-64 | CS - 64 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-65 | CS - 65 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-66 | CS - 66 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-67 | CS - 67 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-68 | CS - 68 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-69 | CS - 69 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-70 | CS - 70 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-71 | CS - 71 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-72 | CS - 72 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-73 | CS - 73 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-74 | CS - 74 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-75 | CS - 75 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-76 | CS - 76 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-77 | CS - 77 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-78 | CS - 78 (0.5') | Total/NA | Solid | 5035 | |
| MB 880-135594/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-135594/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-135594/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-69773-61 MS | CS - 61 (0.5') | Total/NA | Solid | 5035 | |
| 880-69773-61 MSD | CS - 61 (0.5') | Total/NA | Solid | 5035 | |

### Analysis Batch: 135662

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-1 | CS - 1 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-2 | CS - 2 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-3 | CS - 3 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-4 | CS - 4 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-5 | CS - 5 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-6 | CS - 6 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-7 | CS - 7 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-8 | CS - 8 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-9 | CS - 9 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-10 | CS - 10 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-11 | CS - 11 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-12 | CS - 12 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-13 | CS - 13 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-14 | CS - 14 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-15 | CS - 15 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-16 | CS - 16 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-17 | CS - 17 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-18 | CS - 18 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-19 | CS - 19 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-20 | CS - 20 (0.5') | Total/NA | Solid | Total BTEX | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## GC VOA (Continued)

### Analysis Batch: 135662 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-21 | CS - 21 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-22 | CS - 22 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-23 | CS - 23 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-24 | CS - 24 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-25 | CS - 25 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-26 | CS - 26 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-27 | CS - 27 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-28 | CS - 28 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-29 | CS - 29 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-30 | CS - 30 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-31 | CS - 31 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-32 | CS - 32 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-33 | CS - 33 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-34 | CS - 34 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-35 | CS - 35 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-36 | CS - 36 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-37 | CS - 37 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-38 | CS - 38 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-39 | CS - 39 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-40 | CS - 40 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-41 | CS - 41 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-42 | CS - 42 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-43 | CS - 43 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-44 | CS - 44 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-45 | CS - 45 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-46 | CS - 46 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-47 | CS - 47 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-48 | CS - 48 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-49 | CS - 49 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-50 | CS - 50 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-51 | CS - 51 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-52 | CS - 52 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-53 | CS - 53 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-54 | CS - 54 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-55 | CS - 55 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-56 | CS - 56 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-57 | CS - 57 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-58 | CS - 58 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-59 | CS - 59 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-60 | CS - 60 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-61 | CS - 61 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-62 | CS - 62 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-63 | CS - 63 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-64 | CS - 64 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-65 | CS - 65 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-66 | CS - 66 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-67 | CS - 67 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-68 | CS - 68 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-69 | CS - 69 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-70 | CS - 70 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-71 | CS - 71 (0.5') | Total/NA | Solid | Total BTEX | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## GC VOA (Continued)

### Analysis Batch: 135662 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-72 | CS - 72 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-73 | CS - 73 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-74 | CS - 74 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-75 | CS - 75 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-76 | CS - 76 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-77 | CS - 77 (0.5') | Total/NA | Solid | Total BTEX | |
| 880-69773-78 | CS - 78 (0.5') | Total/NA | Solid | Total BTEX | |

## GC Semi VOA

### Prep Batch: 135180

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-77 | CS - 77 (0.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-135180/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-135180/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-135180/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-69663-A-32-E MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-69663-A-32-F MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 135326

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-1 | CS - 1 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-2 | CS - 2 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-3 | CS - 3 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-4 | CS - 4 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-5 | CS - 5 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-6 | CS - 6 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-7 | CS - 7 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-8 | CS - 8 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-9 | CS - 9 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-10 | CS - 10 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-11 | CS - 11 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-12 | CS - 12 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-13 | CS - 13 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-14 | CS - 14 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-15 | CS - 15 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-16 | CS - 16 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-17 | CS - 17 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-18 | CS - 18 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-19 | CS - 19 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-20 | CS - 20 (0.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-135326/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-135326/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-135326/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-69773-1 MS | CS - 1 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-1 MSD | CS - 1 (0.5') | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 135327

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-21 | CS - 21 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-22 | CS - 22 (0.5') | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## GC Semi VOA (Continued)

### Prep Batch: 135327 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-23 | CS - 23 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-24 | CS - 24 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-25 | CS - 25 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-26 | CS - 26 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-27 | CS - 27 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-28 | CS - 28 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-29 | CS - 29 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-30 | CS - 30 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-31 | CS - 31 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-32 | CS - 32 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-33 | CS - 33 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-34 | CS - 34 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-35 | CS - 35 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-36 | CS - 36 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-37 | CS - 37 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-38 | CS - 38 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-39 | CS - 39 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-40 | CS - 40 (0.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-135327/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-135327/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-135327/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-69773-21 MS | CS - 21 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-21 MSD | CS - 21 (0.5') | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 135328

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-41 | CS - 41 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-42 | CS - 42 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-43 | CS - 43 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-44 | CS - 44 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-45 | CS - 45 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-46 | CS - 46 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-47 | CS - 47 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-48 | CS - 48 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-49 | CS - 49 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-50 | CS - 50 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-51 | CS - 51 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-52 | CS - 52 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-53 | CS - 53 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-54 | CS - 54 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-55 | CS - 55 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-56 | CS - 56 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-57 | CS - 57 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-58 | CS - 58 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-59 | CS - 59 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-60 | CS - 60 (0.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-135328/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-135328/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-135328/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-69773-41 MS | CS - 41 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-41 MSD | CS - 41 (0.5') | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## GC Semi VOA

### Prep Batch: 135329

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-61 | CS - 61 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-62 | CS - 62 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-63 | CS - 63 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-64 | CS - 64 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-65 | CS - 65 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-66 | CS - 66 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-67 | CS - 67 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-68 | CS - 68 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-69 | CS - 69 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-70 | CS - 70 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-71 | CS - 71 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-72 | CS - 72 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-73 | CS - 73 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-74 | CS - 74 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-75 | CS - 75 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-76 | CS - 76 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-78 | CS - 78 (0.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-135329/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-135329/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-135329/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-69773-61 MS | CS - 61 (0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69773-61 MSD | CS - 61 (0.5') | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 135477

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-1 | CS - 1 (0.5') | Total/NA | Solid | 8015B NM | 135326 |
| 880-69773-2 | CS - 2 (0.5') | Total/NA | Solid | 8015B NM | 135326 |
| 880-69773-3 | CS - 3 (0.5') | Total/NA | Solid | 8015B NM | 135326 |
| 880-69773-4 | CS - 4 (0.5') | Total/NA | Solid | 8015B NM | 135326 |
| 880-69773-5 | CS - 5 (0.5') | Total/NA | Solid | 8015B NM | 135326 |
| 880-69773-6 | CS - 6 (0.5') | Total/NA | Solid | 8015B NM | 135326 |
| 880-69773-7 | CS - 7 (0.5') | Total/NA | Solid | 8015B NM | 135326 |
| 880-69773-8 | CS - 8 (0.5') | Total/NA | Solid | 8015B NM | 135326 |
| 880-69773-9 | CS - 9 (0.5') | Total/NA | Solid | 8015B NM | 135326 |
| 880-69773-10 | CS - 10 (0.5') | Total/NA | Solid | 8015B NM | 135326 |
| 880-69773-11 | CS - 11 (0.5') | Total/NA | Solid | 8015B NM | 135326 |
| 880-69773-12 | CS - 12 (0.5') | Total/NA | Solid | 8015B NM | 135326 |
| 880-69773-13 | CS - 13 (0.5') | Total/NA | Solid | 8015B NM | 135326 |
| 880-69773-14 | CS - 14 (0.5') | Total/NA | Solid | 8015B NM | 135326 |
| 880-69773-15 | CS - 15 (0.5') | Total/NA | Solid | 8015B NM | 135326 |
| 880-69773-16 | CS - 16 (0.5') | Total/NA | Solid | 8015B NM | 135326 |
| 880-69773-17 | CS - 17 (0.5') | Total/NA | Solid | 8015B NM | 135326 |
| 880-69773-18 | CS - 18 (0.5') | Total/NA | Solid | 8015B NM | 135326 |
| 880-69773-19 | CS - 19 (0.5') | Total/NA | Solid | 8015B NM | 135326 |
| 880-69773-20 | CS - 20 (0.5') | Total/NA | Solid | 8015B NM | 135326 |
| 880-69773-41 | CS - 41 (0.5') | Total/NA | Solid | 8015B NM | 135328 |
| 880-69773-42 | CS - 42 (0.5') | Total/NA | Solid | 8015B NM | 135328 |
| 880-69773-43 | CS - 43 (0.5') | Total/NA | Solid | 8015B NM | 135328 |
| 880-69773-44 | CS - 44 (0.5') | Total/NA | Solid | 8015B NM | 135328 |
| 880-69773-45 | CS - 45 (0.5') | Total/NA | Solid | 8015B NM | 135328 |
| 880-69773-46 | CS - 46 (0.5') | Total/NA | Solid | 8015B NM | 135328 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## GC Semi VOA (Continued)

### Analysis Batch: 135477 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-47 | CS - 47 (0.5') | Total/NA | Solid | 8015B NM | 135328 |
| 880-69773-48 | CS - 48 (0.5') | Total/NA | Solid | 8015B NM | 135328 |
| 880-69773-49 | CS - 49 (0.5') | Total/NA | Solid | 8015B NM | 135328 |
| 880-69773-50 | CS - 50 (0.5') | Total/NA | Solid | 8015B NM | 135328 |
| 880-69773-51 | CS - 51 (0.5') | Total/NA | Solid | 8015B NM | 135328 |
| 880-69773-52 | CS - 52 (0.5') | Total/NA | Solid | 8015B NM | 135328 |
| 880-69773-53 | CS - 53 (0.5') | Total/NA | Solid | 8015B NM | 135328 |
| 880-69773-54 | CS - 54 (0.5') | Total/NA | Solid | 8015B NM | 135328 |
| 880-69773-55 | CS - 55 (0.5') | Total/NA | Solid | 8015B NM | 135328 |
| 880-69773-56 | CS - 56 (0.5') | Total/NA | Solid | 8015B NM | 135328 |
| 880-69773-57 | CS - 57 (0.5') | Total/NA | Solid | 8015B NM | 135328 |
| 880-69773-58 | CS - 58 (0.5') | Total/NA | Solid | 8015B NM | 135328 |
| 880-69773-59 | CS - 59 (0.5') | Total/NA | Solid | 8015B NM | 135328 |
| 880-69773-60 | CS - 60 (0.5') | Total/NA | Solid | 8015B NM | 135328 |
| MB 880-135326/1-A | Method Blank | Total/NA | Solid | 8015B NM | 135326 |
| MB 880-135328/1-A | Method Blank | Total/NA | Solid | 8015B NM | 135328 |
| LCS 880-135326/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 135326 |
| LCS 880-135328/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 135328 |
| LCSD 880-135326/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 135326 |
| LCSD 880-135328/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 135328 |
| 880-69773-1 MS | CS - 1 (0.5') | Total/NA | Solid | 8015B NM | 135326 |
| 880-69773-1 MSD | CS - 1 (0.5') | Total/NA | Solid | 8015B NM | 135326 |
| 880-69773-41 MS | CS - 41 (0.5') | Total/NA | Solid | 8015B NM | 135328 |
| 880-69773-41 MSD | CS - 41 (0.5') | Total/NA | Solid | 8015B NM | 135328 |

### Analysis Batch: 135480

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-21 | CS - 21 (0.5') | Total/NA | Solid | 8015B NM | 135327 |
| 880-69773-22 | CS - 22 (0.5') | Total/NA | Solid | 8015B NM | 135327 |
| 880-69773-23 | CS - 23 (0.5') | Total/NA | Solid | 8015B NM | 135327 |
| 880-69773-24 | CS - 24 (0.5') | Total/NA | Solid | 8015B NM | 135327 |
| 880-69773-25 | CS - 25 (0.5') | Total/NA | Solid | 8015B NM | 135327 |
| 880-69773-26 | CS - 26 (0.5') | Total/NA | Solid | 8015B NM | 135327 |
| 880-69773-27 | CS - 27 (0.5') | Total/NA | Solid | 8015B NM | 135327 |
| 880-69773-28 | CS - 28 (0.5') | Total/NA | Solid | 8015B NM | 135327 |
| 880-69773-29 | CS - 29 (0.5') | Total/NA | Solid | 8015B NM | 135327 |
| 880-69773-30 | CS - 30 (0.5') | Total/NA | Solid | 8015B NM | 135327 |
| 880-69773-31 | CS - 31 (0.5') | Total/NA | Solid | 8015B NM | 135327 |
| 880-69773-32 | CS - 32 (0.5') | Total/NA | Solid | 8015B NM | 135327 |
| 880-69773-33 | CS - 33 (0.5') | Total/NA | Solid | 8015B NM | 135327 |
| 880-69773-34 | CS - 34 (0.5') | Total/NA | Solid | 8015B NM | 135327 |
| 880-69773-35 | CS - 35 (0.5') | Total/NA | Solid | 8015B NM | 135327 |
| 880-69773-36 | CS - 36 (0.5') | Total/NA | Solid | 8015B NM | 135327 |
| 880-69773-37 | CS - 37 (0.5') | Total/NA | Solid | 8015B NM | 135327 |
| 880-69773-38 | CS - 38 (0.5') | Total/NA | Solid | 8015B NM | 135327 |
| 880-69773-39 | CS - 39 (0.5') | Total/NA | Solid | 8015B NM | 135327 |
| 880-69773-40 | CS - 40 (0.5') | Total/NA | Solid | 8015B NM | 135327 |
| 880-69773-61 | CS - 61 (0.5') | Total/NA | Solid | 8015B NM | 135329 |
| 880-69773-62 | CS - 62 (0.5') | Total/NA | Solid | 8015B NM | 135329 |
| 880-69773-63 | CS - 63 (0.5') | Total/NA | Solid | 8015B NM | 135329 |
| 880-69773-64 | CS - 64 (0.5') | Total/NA | Solid | 8015B NM | 135329 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## GC Semi VOA (Continued)

### Analysis Batch: 135480 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-65 | CS - 65 (0.5') | Total/NA | Solid | 8015B NM | 135329 |
| 880-69773-66 | CS - 66 (0.5') | Total/NA | Solid | 8015B NM | 135329 |
| 880-69773-67 | CS - 67 (0.5') | Total/NA | Solid | 8015B NM | 135329 |
| 880-69773-68 | CS - 68 (0.5') | Total/NA | Solid | 8015B NM | 135329 |
| 880-69773-69 | CS - 69 (0.5') | Total/NA | Solid | 8015B NM | 135329 |
| 880-69773-70 | CS - 70 (0.5') | Total/NA | Solid | 8015B NM | 135329 |
| 880-69773-71 | CS - 71 (0.5') | Total/NA | Solid | 8015B NM | 135329 |
| 880-69773-72 | CS - 72 (0.5') | Total/NA | Solid | 8015B NM | 135329 |
| 880-69773-73 | CS - 73 (0.5') | Total/NA | Solid | 8015B NM | 135329 |
| 880-69773-74 | CS - 74 (0.5') | Total/NA | Solid | 8015B NM | 135329 |
| 880-69773-75 | CS - 75 (0.5') | Total/NA | Solid | 8015B NM | 135329 |
| 880-69773-76 | CS - 76 (0.5') | Total/NA | Solid | 8015B NM | 135329 |
| 880-69773-78 | CS - 78 (0.5') | Total/NA | Solid | 8015B NM | 135329 |
| MB 880-135327/1-A | Method Blank | Total/NA | Solid | 8015B NM | 135327 |
| MB 880-135329/1-A | Method Blank | Total/NA | Solid | 8015B NM | 135329 |
| LCS 880-135327/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 135327 |
| LCS 880-135329/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 135329 |
| LCSD 880-135327/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 135327 |
| LCSD 880-135329/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 135329 |
| 880-69773-21 MS | CS - 21 (0.5') | Total/NA | Solid | 8015B NM | 135327 |
| 880-69773-21 MSD | CS - 21 (0.5') | Total/NA | Solid | 8015B NM | 135327 |
| 880-69773-61 MS | CS - 61 (0.5') | Total/NA | Solid | 8015B NM | 135329 |
| 880-69773-61 MSD | CS - 61 (0.5') | Total/NA | Solid | 8015B NM | 135329 |

### Analysis Batch: 135627

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-1 | CS - 1 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-2 | CS - 2 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-3 | CS - 3 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-4 | CS - 4 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-5 | CS - 5 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-6 | CS - 6 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-7 | CS - 7 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-8 | CS - 8 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-9 | CS - 9 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-10 | CS - 10 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-11 | CS - 11 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-12 | CS - 12 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-13 | CS - 13 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-14 | CS - 14 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-15 | CS - 15 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-16 | CS - 16 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-17 | CS - 17 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-18 | CS - 18 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-19 | CS - 19 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-20 | CS - 20 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-21 | CS - 21 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-22 | CS - 22 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-23 | CS - 23 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-24 | CS - 24 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-25 | CS - 25 (0.5') | Total/NA | Solid | 8015 NM | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## GC Semi VOA (Continued)

### Analysis Batch: 135627 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-26 | CS - 26 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-27 | CS - 27 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-28 | CS - 28 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-29 | CS - 29 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-30 | CS - 30 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-31 | CS - 31 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-32 | CS - 32 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-33 | CS - 33 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-34 | CS - 34 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-35 | CS - 35 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-36 | CS - 36 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-37 | CS - 37 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-38 | CS - 38 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-39 | CS - 39 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-40 | CS - 40 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-41 | CS - 41 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-42 | CS - 42 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-43 | CS - 43 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-44 | CS - 44 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-45 | CS - 45 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-46 | CS - 46 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-47 | CS - 47 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-48 | CS - 48 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-49 | CS - 49 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-50 | CS - 50 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-51 | CS - 51 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-52 | CS - 52 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-53 | CS - 53 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-54 | CS - 54 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-55 | CS - 55 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-56 | CS - 56 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-57 | CS - 57 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-58 | CS - 58 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-59 | CS - 59 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-60 | CS - 60 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-61 | CS - 61 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-62 | CS - 62 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-63 | CS - 63 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-64 | CS - 64 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-65 | CS - 65 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-66 | CS - 66 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-67 | CS - 67 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-68 | CS - 68 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-69 | CS - 69 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-70 | CS - 70 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-71 | CS - 71 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-72 | CS - 72 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-73 | CS - 73 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-74 | CS - 74 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-75 | CS - 75 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-76 | CS - 76 (0.5') | Total/NA | Solid | 8015 NM | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## GC Semi VOA (Continued)

### Analysis Batch: 135627 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-77 | CS - 77 (0.5') | Total/NA | Solid | 8015 NM | |
| 880-69773-78 | CS - 78 (0.5') | Total/NA | Solid | 8015 NM | |

### Analysis Batch: 135628

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-77 | CS - 77 (0.5') | Total/NA | Solid | 8015B NM | 135180 |
| MB 880-135180/1-A | Method Blank | Total/NA | Solid | 8015B NM | 135180 |
| LCS 880-135180/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 135180 |
| LCSD 880-135180/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 135180 |
| 880-69663-A-32-E MS | Matrix Spike | Total/NA | Solid | 8015B NM | 135180 |
| 880-69663-A-32-F MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 135180 |

## HPLC/IC

### Leach Batch: 135333

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-1 | CS - 1 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-2 | CS - 2 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-3 | CS - 3 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-4 | CS - 4 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-5 | CS - 5 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-6 | CS - 6 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-7 | CS - 7 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-8 | CS - 8 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-9 | CS - 9 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-10 | CS - 10 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-11 | CS - 11 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-12 | CS - 12 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-13 | CS - 13 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-14 | CS - 14 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-15 | CS - 15 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-16 | CS - 16 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-17 | CS - 17 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-18 | CS - 18 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-19 | CS - 19 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-20 | CS - 20 (0.5') | Soluble | Solid | DI Leach | |
| MB 880-135333/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-135333/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-135333/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-69773-1 MS | CS - 1 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-1 MSD | CS - 1 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-11 MS | CS - 11 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-11 MSD | CS - 11 (0.5') | Soluble | Solid | DI Leach | |

### Leach Batch: 135334

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-21 | CS - 21 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-22 | CS - 22 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-23 | CS - 23 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-24 | CS - 24 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-25 | CS - 25 (0.5') | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## HPLC/IC (Continued)

### Leach Batch: 135334 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-26 | CS - 26 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-27 | CS - 27 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-28 | CS - 28 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-29 | CS - 29 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-30 | CS - 30 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-31 | CS - 31 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-32 | CS - 32 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-33 | CS - 33 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-34 | CS - 34 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-35 | CS - 35 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-36 | CS - 36 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-37 | CS - 37 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-38 | CS - 38 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-39 | CS - 39 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-40 | CS - 40 (0.5') | Soluble | Solid | DI Leach | |
| MB 880-135334/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-135334/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-135334/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-69773-21 MS | CS - 21 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-21 MSD | CS - 21 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-31 MS | CS - 31 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-31 MSD | CS - 31 (0.5') | Soluble | Solid | DI Leach | |

### Leach Batch: 135335

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-41 | CS - 41 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-42 | CS - 42 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-43 | CS - 43 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-44 | CS - 44 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-45 | CS - 45 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-46 | CS - 46 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-47 | CS - 47 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-48 | CS - 48 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-49 | CS - 49 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-50 | CS - 50 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-51 | CS - 51 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-52 | CS - 52 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-53 | CS - 53 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-54 | CS - 54 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-55 | CS - 55 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-56 | CS - 56 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-57 | CS - 57 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-58 | CS - 58 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-59 | CS - 59 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-60 | CS - 60 (0.5') | Soluble | Solid | DI Leach | |
| MB 880-135335/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-135335/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-135335/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-69773-41 MS | CS - 41 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-41 MSD | CS - 41 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-51 MS | CS - 51 (0.5') | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## HPLC/IC (Continued)

### Leach Batch: 135335 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-51 MSD | CS - 51 (0.5') | Soluble | Solid | DI Leach | |

### Leach Batch: 135336

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-61 | CS - 61 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-62 | CS - 62 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-63 | CS - 63 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-64 | CS - 64 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-65 | CS - 65 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-66 | CS - 66 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-67 | CS - 67 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-68 | CS - 68 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-69 | CS - 69 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-70 | CS - 70 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-71 | CS - 71 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-72 | CS - 72 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-73 | CS - 73 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-74 | CS - 74 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-75 | CS - 75 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-76 | CS - 76 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-77 | CS - 77 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-78 | CS - 78 (0.5') | Soluble | Solid | DI Leach | |
| MB 880-135336/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-135336/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-135336/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-69773-61 MS | CS - 61 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-61 MSD | CS - 61 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-71 MS | CS - 71 (0.5') | Soluble | Solid | DI Leach | |
| 880-69773-71 MSD | CS - 71 (0.5') | Soluble | Solid | DI Leach | |

### Analysis Batch: 135386

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-1 | CS - 1 (0.5') | Soluble | Solid | 300.0 | 135333 |
| 880-69773-2 | CS - 2 (0.5') | Soluble | Solid | 300.0 | 135333 |
| 880-69773-3 | CS - 3 (0.5') | Soluble | Solid | 300.0 | 135333 |
| 880-69773-4 | CS - 4 (0.5') | Soluble | Solid | 300.0 | 135333 |
| 880-69773-5 | CS - 5 (0.5') | Soluble | Solid | 300.0 | 135333 |
| 880-69773-6 | CS - 6 (0.5') | Soluble | Solid | 300.0 | 135333 |
| 880-69773-7 | CS - 7 (0.5') | Soluble | Solid | 300.0 | 135333 |
| 880-69773-8 | CS - 8 (0.5') | Soluble | Solid | 300.0 | 135333 |
| 880-69773-9 | CS - 9 (0.5') | Soluble | Solid | 300.0 | 135333 |
| 880-69773-10 | CS - 10 (0.5') | Soluble | Solid | 300.0 | 135333 |
| 880-69773-11 | CS - 11 (0.5') | Soluble | Solid | 300.0 | 135333 |
| 880-69773-12 | CS - 12 (0.5') | Soluble | Solid | 300.0 | 135333 |
| 880-69773-13 | CS - 13 (0.5') | Soluble | Solid | 300.0 | 135333 |
| 880-69773-14 | CS - 14 (0.5') | Soluble | Solid | 300.0 | 135333 |
| 880-69773-15 | CS - 15 (0.5') | Soluble | Solid | 300.0 | 135333 |
| 880-69773-16 | CS - 16 (0.5') | Soluble | Solid | 300.0 | 135333 |
| 880-69773-17 | CS - 17 (0.5') | Soluble | Solid | 300.0 | 135333 |
| 880-69773-18 | CS - 18 (0.5') | Soluble | Solid | 300.0 | 135333 |
| 880-69773-19 | CS - 19 (0.5') | Soluble | Solid | 300.0 | 135333 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## HPLC/IC (Continued)

### Analysis Batch: 135386 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-20 | CS - 20 (0.5') | Soluble | Solid | 300.0 | 135333 |
| MB 880-135333/1-A | Method Blank | Soluble | Solid | 300.0 | 135333 |
| LCS 880-135333/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 135333 |
| LCSD 880-135333/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 135333 |
| 880-69773-1 MS | CS - 1 (0.5') | Soluble | Solid | 300.0 | 135333 |
| 880-69773-1 MSD | CS - 1 (0.5') | Soluble | Solid | 300.0 | 135333 |
| 880-69773-11 MS | CS - 11 (0.5') | Soluble | Solid | 300.0 | 135333 |
| 880-69773-11 MSD | CS - 11 (0.5') | Soluble | Solid | 300.0 | 135333 |

### Analysis Batch: 135387

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-21 | CS - 21 (0.5') | Soluble | Solid | 300.0 | 135334 |
| 880-69773-22 | CS - 22 (0.5') | Soluble | Solid | 300.0 | 135334 |
| 880-69773-23 | CS - 23 (0.5') | Soluble | Solid | 300.0 | 135334 |
| 880-69773-24 | CS - 24 (0.5') | Soluble | Solid | 300.0 | 135334 |
| 880-69773-25 | CS - 25 (0.5') | Soluble | Solid | 300.0 | 135334 |
| 880-69773-26 | CS - 26 (0.5') | Soluble | Solid | 300.0 | 135334 |
| 880-69773-27 | CS - 27 (0.5') | Soluble | Solid | 300.0 | 135334 |
| 880-69773-28 | CS - 28 (0.5') | Soluble | Solid | 300.0 | 135334 |
| 880-69773-29 | CS - 29 (0.5') | Soluble | Solid | 300.0 | 135334 |
| 880-69773-30 | CS - 30 (0.5') | Soluble | Solid | 300.0 | 135334 |
| 880-69773-31 | CS - 31 (0.5') | Soluble | Solid | 300.0 | 135334 |
| 880-69773-32 | CS - 32 (0.5') | Soluble | Solid | 300.0 | 135334 |
| 880-69773-33 | CS - 33 (0.5') | Soluble | Solid | 300.0 | 135334 |
| 880-69773-34 | CS - 34 (0.5') | Soluble | Solid | 300.0 | 135334 |
| 880-69773-35 | CS - 35 (0.5') | Soluble | Solid | 300.0 | 135334 |
| 880-69773-36 | CS - 36 (0.5') | Soluble | Solid | 300.0 | 135334 |
| 880-69773-37 | CS - 37 (0.5') | Soluble | Solid | 300.0 | 135334 |
| 880-69773-38 | CS - 38 (0.5') | Soluble | Solid | 300.0 | 135334 |
| 880-69773-39 | CS - 39 (0.5') | Soluble | Solid | 300.0 | 135334 |
| 880-69773-40 | CS - 40 (0.5') | Soluble | Solid | 300.0 | 135334 |
| MB 880-135334/1-A | Method Blank | Soluble | Solid | 300.0 | 135334 |
| LCS 880-135334/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 135334 |
| LCSD 880-135334/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 135334 |
| 880-69773-21 MS | CS - 21 (0.5') | Soluble | Solid | 300.0 | 135334 |
| 880-69773-21 MSD | CS - 21 (0.5') | Soluble | Solid | 300.0 | 135334 |
| 880-69773-31 MS | CS - 31 (0.5') | Soluble | Solid | 300.0 | 135334 |
| 880-69773-31 MSD | CS - 31 (0.5') | Soluble | Solid | 300.0 | 135334 |

### Analysis Batch: 135388

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-41 | CS - 41 (0.5') | Soluble | Solid | 300.0 | 135335 |
| 880-69773-42 | CS - 42 (0.5') | Soluble | Solid | 300.0 | 135335 |
| 880-69773-43 | CS - 43 (0.5') | Soluble | Solid | 300.0 | 135335 |
| 880-69773-44 | CS - 44 (0.5') | Soluble | Solid | 300.0 | 135335 |
| 880-69773-45 | CS - 45 (0.5') | Soluble | Solid | 300.0 | 135335 |
| 880-69773-46 | CS - 46 (0.5') | Soluble | Solid | 300.0 | 135335 |
| 880-69773-47 | CS - 47 (0.5') | Soluble | Solid | 300.0 | 135335 |
| 880-69773-48 | CS - 48 (0.5') | Soluble | Solid | 300.0 | 135335 |
| 880-69773-49 | CS - 49 (0.5') | Soluble | Solid | 300.0 | 135335 |
| 880-69773-50 | CS - 50 (0.5') | Soluble | Solid | 300.0 | 135335 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## HPLC/IC (Continued)

### Analysis Batch: 135388 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-51 | CS - 51 (0.5') | Soluble | Solid | 300.0 | 135335 |
| 880-69773-52 | CS - 52 (0.5') | Soluble | Solid | 300.0 | 135335 |
| 880-69773-53 | CS - 53 (0.5') | Soluble | Solid | 300.0 | 135335 |
| 880-69773-54 | CS - 54 (0.5') | Soluble | Solid | 300.0 | 135335 |
| 880-69773-55 | CS - 55 (0.5') | Soluble | Solid | 300.0 | 135335 |
| 880-69773-56 | CS - 56 (0.5') | Soluble | Solid | 300.0 | 135335 |
| 880-69773-57 | CS - 57 (0.5') | Soluble | Solid | 300.0 | 135335 |
| 880-69773-58 | CS - 58 (0.5') | Soluble | Solid | 300.0 | 135335 |
| 880-69773-59 | CS - 59 (0.5') | Soluble | Solid | 300.0 | 135335 |
| 880-69773-60 | CS - 60 (0.5') | Soluble | Solid | 300.0 | 135335 |
| MB 880-135335/1-A | Method Blank | Soluble | Solid | 300.0 | 135335 |
| LCS 880-135335/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 135335 |
| LCSD 880-135335/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 135335 |
| 880-69773-41 MS | CS - 41 (0.5') | Soluble | Solid | 300.0 | 135335 |
| 880-69773-41 MSD | CS - 41 (0.5') | Soluble | Solid | 300.0 | 135335 |
| 880-69773-51 MS | CS - 51 (0.5') | Soluble | Solid | 300.0 | 135335 |
| 880-69773-51 MSD | CS - 51 (0.5') | Soluble | Solid | 300.0 | 135335 |

### Analysis Batch: 135396

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69773-61 | CS - 61 (0.5') | Soluble | Solid | 300.0 | 135336 |
| 880-69773-62 | CS - 62 (0.5') | Soluble | Solid | 300.0 | 135336 |
| 880-69773-63 | CS - 63 (0.5') | Soluble | Solid | 300.0 | 135336 |
| 880-69773-64 | CS - 64 (0.5') | Soluble | Solid | 300.0 | 135336 |
| 880-69773-65 | CS - 65 (0.5') | Soluble | Solid | 300.0 | 135336 |
| 880-69773-66 | CS - 66 (0.5') | Soluble | Solid | 300.0 | 135336 |
| 880-69773-67 | CS - 67 (0.5') | Soluble | Solid | 300.0 | 135336 |
| 880-69773-68 | CS - 68 (0.5') | Soluble | Solid | 300.0 | 135336 |
| 880-69773-69 | CS - 69 (0.5') | Soluble | Solid | 300.0 | 135336 |
| 880-69773-70 | CS - 70 (0.5') | Soluble | Solid | 300.0 | 135336 |
| 880-69773-71 | CS - 71 (0.5') | Soluble | Solid | 300.0 | 135336 |
| 880-69773-72 | CS - 72 (0.5') | Soluble | Solid | 300.0 | 135336 |
| 880-69773-73 | CS - 73 (0.5') | Soluble | Solid | 300.0 | 135336 |
| 880-69773-74 | CS - 74 (0.5') | Soluble | Solid | 300.0 | 135336 |
| 880-69773-75 | CS - 75 (0.5') | Soluble | Solid | 300.0 | 135336 |
| 880-69773-76 | CS - 76 (0.5') | Soluble | Solid | 300.0 | 135336 |
| 880-69773-77 | CS - 77 (0.5') | Soluble | Solid | 300.0 | 135336 |
| 880-69773-78 | CS - 78 (0.5') | Soluble | Solid | 300.0 | 135336 |
| MB 880-135336/1-A | Method Blank | Soluble | Solid | 300.0 | 135336 |
| LCS 880-135336/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 135336 |
| LCSD 880-135336/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 135336 |
| 880-69773-61 MS | CS - 61 (0.5') | Soluble | Solid | 300.0 | 135336 |
| 880-69773-61 MSD | CS - 61 (0.5') | Soluble | Solid | 300.0 | 135336 |
| 880-69773-71 MS | CS - 71 (0.5') | Soluble | Solid | 300.0 | 135336 |
| 880-69773-71 MSD | CS - 71 (0.5') | Soluble | Solid | 300.0 | 135336 |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 1 (0.5')

**Lab Sample ID: 880-69773-1**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135591 | 03/22/26 08:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135579 | 03/22/26 22:05 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/22/26 22:05 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 18:23 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135326 | 03/18/26 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/20/26 18:23 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 135333 | 03/18/26 18:45 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135386 | 03/19/26 18:42 | CS | EET MID |

## Client Sample ID: CS - 2 (0.5')

**Lab Sample ID: 880-69773-2**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135591 | 03/22/26 08:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135579 | 03/22/26 22:25 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/22/26 22:25 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 19:08 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135326 | 03/18/26 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/20/26 19:08 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 135333 | 03/18/26 18:45 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135386 | 03/19/26 18:58 | CS | EET MID |

## Client Sample ID: CS - 3 (0.5')

**Lab Sample ID: 880-69773-3**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135591 | 03/22/26 08:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135579 | 03/22/26 22:46 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/22/26 22:46 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 19:24 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135326 | 03/18/26 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/20/26 19:24 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135333 | 03/18/26 18:45 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 135386 | 03/19/26 19:03 | CS | EET MID |

## Client Sample ID: CS - 4 (0.5')

**Lab Sample ID: 880-69773-4**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135591 | 03/22/26 08:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135579 | 03/22/26 23:07 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/22/26 23:07 | SA | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 4 (0.5')

**Lab Sample ID: 880-69773-4**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| 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 | | | 135627 | 03/20/26 19:39 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135326 | 03/18/26 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/20/26 19:39 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 135333 | 03/18/26 18:45 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 135386 | 03/19/26 19:08 | CS | EET MID |

## Client Sample ID: CS - 5 (0.5')

**Lab Sample ID: 880-69773-5**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 135591 | 03/22/26 08:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135579 | 03/22/26 23:28 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/22/26 23:28 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 19:54 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10.00 mL | 135326 | 03/18/26 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/20/26 19:54 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 135333 | 03/18/26 18:45 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135386 | 03/19/26 19:13 | CS | EET MID |

## Client Sample ID: CS - 6 (0.5')

**Lab Sample ID: 880-69773-6**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135591 | 03/22/26 08:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135579 | 03/22/26 23:48 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/22/26 23:48 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 20:09 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135326 | 03/18/26 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/20/26 20:09 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135333 | 03/18/26 18:45 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 135386 | 03/19/26 19:29 | CS | EET MID |

## Client Sample ID: CS - 7 (0.5')

**Lab Sample ID: 880-69773-7**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135591 | 03/22/26 08:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135579 | 03/23/26 00:09 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 00:09 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 20:25 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135326 | 03/18/26 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/20/26 20:25 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 7 (0.5')

**Lab Sample ID: 880-69773-7**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| 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 | 135333 | 03/18/26 18:45 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135386 | 03/19/26 19:34 | CS | EET MID |

## Client Sample ID: CS - 8 (0.5')

**Lab Sample ID: 880-69773-8**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135591 | 03/22/26 08:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135579 | 03/23/26 00:29 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 00:29 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 20:40 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135326 | 03/18/26 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/20/26 20:40 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 135333 | 03/18/26 18:45 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135386 | 03/19/26 19:40 | CS | EET MID |

## Client Sample ID: CS - 9 (0.5')

**Lab Sample ID: 880-69773-9**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135591 | 03/22/26 08:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135579 | 03/23/26 00:50 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 00:50 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 20:56 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135326 | 03/18/26 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/20/26 20:56 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 135333 | 03/18/26 18:45 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135386 | 03/19/26 19:45 | CS | EET MID |

## Client Sample ID: CS - 10 (0.5')

**Lab Sample ID: 880-69773-10**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 135591 | 03/22/26 08:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135579 | 03/23/26 01:11 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 01:11 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 21:11 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135326 | 03/18/26 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/20/26 21:11 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 135333 | 03/18/26 18:45 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 135386 | 03/19/26 19:50 | CS | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 11 (0.5')

**Lab Sample ID: 880-69773-11**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135591 | 03/22/26 08:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135579 | 03/23/26 02:34 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 02:34 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 21:41 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10.00 mL | 135326 | 03/18/26 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/20/26 21:41 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 135333 | 03/18/26 18:45 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135386 | 03/19/26 19:56 | CS | EET MID |

## Client Sample ID: CS - 12 (0.5')

**Lab Sample ID: 880-69773-12**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135591 | 03/22/26 08:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135579 | 03/23/26 02:55 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 02:55 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 21:56 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135326 | 03/18/26 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/20/26 21:56 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 135333 | 03/18/26 18:45 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 135386 | 03/19/26 20:11 | CS | EET MID |

## Client Sample ID: CS - 13 (0.5')

**Lab Sample ID: 880-69773-13**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135591 | 03/22/26 08:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135579 | 03/23/26 03:15 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 03:15 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 22:11 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135326 | 03/18/26 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/20/26 22:11 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 135333 | 03/18/26 18:45 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135386 | 03/19/26 20:16 | CS | EET MID |

## Client Sample ID: CS - 14 (0.5')

**Lab Sample ID: 880-69773-14**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135591 | 03/22/26 08:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135579 | 03/23/26 03:36 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 03:36 | SA | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 14 (0.5')

**Lab Sample ID: 880-69773-14**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| 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 | | | 135627 | 03/20/26 22:27 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135326 | 03/18/26 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/20/26 22:27 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135333 | 03/18/26 18:45 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 135386 | 03/19/26 20:32 | CS | EET MID |

## Client Sample ID: CS - 15 (0.5')

**Lab Sample ID: 880-69773-15**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135591 | 03/22/26 08:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135579 | 03/23/26 03:57 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 03:57 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 22:41 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135326 | 03/18/26 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/20/26 22:41 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 135333 | 03/18/26 18:45 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135386 | 03/19/26 20:37 | CS | EET MID |

## Client Sample ID: CS - 16 (0.5')

**Lab Sample ID: 880-69773-16**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 135591 | 03/22/26 08:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135579 | 03/23/26 04:17 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 04:17 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 22:57 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135326 | 03/18/26 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/20/26 22:57 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135333 | 03/18/26 18:45 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135386 | 03/19/26 20:43 | CS | EET MID |

## Client Sample ID: CS - 17 (0.5')

**Lab Sample ID: 880-69773-17**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135591 | 03/22/26 08:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135579 | 03/23/26 04:38 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 04:38 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 23:12 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10.00 mL | 135326 | 03/18/26 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/20/26 23:12 | SA | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 17 (0.5')

**Lab Sample ID: 880-69773-17**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| 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 | 135333 | 03/18/26 18:45 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135386 | 03/19/26 20:48 | CS | EET MID |

## Client Sample ID: CS - 18 (0.5')

**Lab Sample ID: 880-69773-18**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135591 | 03/22/26 08:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135579 | 03/23/26 04:59 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 04:59 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 23:27 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 135326 | 03/18/26 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/20/26 23:27 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 135333 | 03/18/26 18:45 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135386 | 03/19/26 20:53 | CS | EET MID |

## Client Sample ID: CS - 19 (0.5')

**Lab Sample ID: 880-69773-19**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135591 | 03/22/26 08:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135579 | 03/23/26 05:19 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 05:19 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 23:42 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10.00 mL | 135326 | 03/18/26 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/20/26 23:42 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 135333 | 03/18/26 18:45 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 135386 | 03/19/26 20:58 | CS | EET MID |

## Client Sample ID: CS - 20 (0.5')

**Lab Sample ID: 880-69773-20**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135591 | 03/22/26 08:12 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135579 | 03/23/26 05:40 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 05:40 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 23:58 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 135326 | 03/18/26 17:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/20/26 23:58 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 135333 | 03/18/26 18:45 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135386 | 03/19/26 21:04 | CS | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 21 (0.5')

**Lab Sample ID: 880-69773-21**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135592 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135586 | 03/22/26 23:20 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/22/26 23:20 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 02:00 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135327 | 03/18/26 17:24 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/21/26 02:00 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 135334 | 03/18/26 18:47 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135387 | 03/20/26 01:00 | CS | EET MID |

## Client Sample ID: CS - 22 (0.5')

**Lab Sample ID: 880-69773-22**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135592 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135586 | 03/22/26 23:41 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/22/26 23:41 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 02:44 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135327 | 03/18/26 17:24 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/21/26 02:44 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 135334 | 03/18/26 18:47 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135387 | 03/20/26 01:19 | CS | EET MID |

## Client Sample ID: CS - 23 (0.5')

**Lab Sample ID: 880-69773-23**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135592 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135586 | 03/23/26 00:01 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 00:01 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 03:00 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135327 | 03/18/26 17:24 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/21/26 03:00 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 135334 | 03/18/26 18:47 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 135387 | 03/20/26 01:26 | CS | EET MID |

## Client Sample ID: CS - 24 (0.5')

**Lab Sample ID: 880-69773-24**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135592 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135586 | 03/23/26 00:22 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 00:22 | SA | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 24 (0.5')

**Lab Sample ID: 880-69773-24**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| 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 | | | 135627 | 03/21/26 03:14 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135327 | 03/18/26 17:24 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/21/26 03:14 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 135334 | 03/18/26 18:47 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 135387 | 03/20/26 01:33 | CS | EET MID |

## Client Sample ID: CS - 25 (0.5')

**Lab Sample ID: 880-69773-25**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 135592 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135586 | 03/23/26 00:42 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 00:42 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 03:30 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135327 | 03/18/26 17:24 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/21/26 03:30 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 135334 | 03/18/26 18:47 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 135387 | 03/20/26 01:39 | CS | EET MID |

## Client Sample ID: CS - 26 (0.5')

**Lab Sample ID: 880-69773-26**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135592 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135586 | 03/23/26 01:03 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 01:03 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 03:45 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135327 | 03/18/26 17:24 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/21/26 03:45 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135334 | 03/18/26 18:47 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 135387 | 03/20/26 01:59 | CS | EET MID |

## Client Sample ID: CS - 27 (0.5')

**Lab Sample ID: 880-69773-27**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135592 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135586 | 03/23/26 01:23 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 01:23 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 03:59 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10.00 mL | 135327 | 03/18/26 17:24 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/21/26 03:59 | SA | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 27 (0.5')

**Lab Sample ID: 880-69773-27**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| 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 | 135334 | 03/18/26 18:47 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135387 | 03/20/26 02:06 | CS | EET MID |

## Client Sample ID: CS - 28 (0.5')

**Lab Sample ID: 880-69773-28**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135592 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135586 | 03/23/26 01:44 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 01:44 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 04:15 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135327 | 03/18/26 17:24 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/21/26 04:15 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135334 | 03/18/26 18:47 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135387 | 03/20/26 02:12 | CS | EET MID |

## Client Sample ID: CS - 29 (0.5')

**Lab Sample ID: 880-69773-29**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135592 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135586 | 03/23/26 02:04 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 02:04 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 04:30 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135327 | 03/18/26 17:24 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/21/26 04:30 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 135334 | 03/18/26 18:47 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135387 | 03/20/26 02:19 | CS | EET MID |

## Client Sample ID: CS - 30 (0.5')

**Lab Sample ID: 880-69773-30**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 135592 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135586 | 03/23/26 02:24 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 02:24 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 04:46 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135327 | 03/18/26 17:24 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/21/26 04:46 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 135334 | 03/18/26 18:47 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135387 | 03/20/26 02:26 | CS | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 31 (0.5')

**Lab Sample ID: 880-69773-31**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135592 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135586 | 03/23/26 04:15 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 04:15 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 05:16 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135327 | 03/18/26 17:24 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/21/26 05:16 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135334 | 03/18/26 18:47 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135387 | 03/20/26 02:32 | CS | EET MID |

## Client Sample ID: CS - 32 (0.5')

**Lab Sample ID: 880-69773-32**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135592 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135586 | 03/23/26 04:35 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 04:35 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 05:30 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135327 | 03/18/26 17:24 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/21/26 05:30 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 135334 | 03/18/26 18:47 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135387 | 03/20/26 02:52 | CS | EET MID |

## Client Sample ID: CS - 33 (0.5')

**Lab Sample ID: 880-69773-33**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135592 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135586 | 03/23/26 04:56 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 04:56 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 05:46 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 135327 | 03/18/26 17:24 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/21/26 05:46 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 135334 | 03/18/26 18:47 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135387 | 03/20/26 02:59 | CS | EET MID |

## Client Sample ID: CS - 34 (0.5')

**Lab Sample ID: 880-69773-34**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135592 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135586 | 03/23/26 05:16 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 05:16 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 34 (0.5')

**Lab Sample ID: 880-69773-34**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| 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 | | | 135627 | 03/21/26 06:01 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.93 g | 10.00 mL | 135327 | 03/18/26 17:24 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/21/26 06:01 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 135334 | 03/18/26 18:47 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 135387 | 03/20/26 03:19 | CS | EET MID |

## Client Sample ID: CS - 35 (0.5')

**Lab Sample ID: 880-69773-35**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135592 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135586 | 03/23/26 05:37 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 05:37 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 06:15 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10.00 mL | 135327 | 03/18/26 17:24 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/21/26 06:15 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 135334 | 03/18/26 18:47 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 135387 | 03/20/26 03:25 | CS | EET MID |

## Client Sample ID: CS - 36 (0.5')

**Lab Sample ID: 880-69773-36**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 135592 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135586 | 03/23/26 05:57 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 05:57 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 06:31 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10.00 mL | 135327 | 03/18/26 17:24 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/21/26 06:31 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135334 | 03/18/26 18:47 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 135387 | 03/20/26 03:32 | CS | EET MID |

## Client Sample ID: CS - 37 (0.5')

**Lab Sample ID: 880-69773-37**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135592 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135586 | 03/23/26 06:18 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 06:18 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 06:45 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 135327 | 03/18/26 17:24 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/21/26 06:45 | SA | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 37 (0.5')

**Lab Sample ID: 880-69773-37**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| 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 | 135334 | 03/18/26 18:47 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135387 | 03/20/26 03:39 | CS | EET MID |

## Client Sample ID: CS - 38 (0.5')

**Lab Sample ID: 880-69773-38**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135592 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135586 | 03/23/26 06:38 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 06:38 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 07:01 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10.00 mL | 135327 | 03/18/26 17:24 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/21/26 07:01 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 135334 | 03/18/26 18:47 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 135387 | 03/20/26 03:45 | CS | EET MID |

## Client Sample ID: CS - 39 (0.5')

**Lab Sample ID: 880-69773-39**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135592 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135586 | 03/23/26 06:59 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 06:59 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 07:16 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.91 g | 10.00 mL | 135327 | 03/18/26 17:24 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/21/26 07:16 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135334 | 03/18/26 18:47 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135387 | 03/20/26 03:52 | CS | EET MID |

## Client Sample ID: CS - 40 (0.5')

**Lab Sample ID: 880-69773-40**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135592 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135586 | 03/23/26 07:19 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 07:19 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 07:30 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.96 g | 10.00 mL | 135327 | 03/18/26 17:24 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/21/26 07:30 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 135334 | 03/18/26 18:47 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 135387 | 03/20/26 03:59 | CS | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 41 (0.5')

**Lab Sample ID: 880-69773-41**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135593 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135588 | 03/22/26 22:01 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/22/26 22:01 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 02:00 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135328 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/21/26 02:00 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 135335 | 03/18/26 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135388 | 03/19/26 16:11 | CS | EET MID |

## Client Sample ID: CS - 42 (0.5')

**Lab Sample ID: 880-69773-42**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135593 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135588 | 03/22/26 22:21 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/22/26 22:21 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 02:44 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135328 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/21/26 02:44 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135335 | 03/18/26 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135388 | 03/19/26 16:31 | CS | EET MID |

## Client Sample ID: CS - 43 (0.5')

**Lab Sample ID: 880-69773-43**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135593 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135588 | 03/22/26 22:42 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/22/26 22:42 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 03:00 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135328 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/21/26 03:00 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 135335 | 03/18/26 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135388 | 03/19/26 16:37 | CS | EET MID |

## Client Sample ID: CS - 44 (0.5')

**Lab Sample ID: 880-69773-44**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135593 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135588 | 03/22/26 23:02 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/22/26 23:02 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 44 (0.5')

**Lab Sample ID: 880-69773-44**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

| 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 | | | 135627 | 03/21/26 03:14 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135328 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/21/26 03:14 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 135335 | 03/18/26 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135388 | 03/19/26 16:44 | CS | EET MID |

## Client Sample ID: CS - 45 (0.5')

**Lab Sample ID: 880-69773-45**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 135593 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135588 | 03/22/26 23:23 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/22/26 23:23 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 03:30 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135328 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/21/26 03:30 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 135335 | 03/18/26 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 135388 | 03/19/26 16:51 | CS | EET MID |

## Client Sample ID: CS - 46 (0.5')

**Lab Sample ID: 880-69773-46**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135593 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135588 | 03/22/26 23:44 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/22/26 23:44 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 03:45 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135328 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/21/26 03:45 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 135335 | 03/18/26 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135388 | 03/19/26 17:11 | CS | EET MID |

## Client Sample ID: CS - 47 (0.5')

**Lab Sample ID: 880-69773-47**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135593 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135588 | 03/23/26 00:04 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 00:04 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 03:59 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135328 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/21/26 03:59 | SA | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 47 (0.5')

**Lab Sample ID: 880-69773-47**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| 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 | 135335 | 03/18/26 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 135388 | 03/19/26 17:17 | CS | EET MID |

## Client Sample ID: CS - 48 (0.5')

**Lab Sample ID: 880-69773-48**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135593 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135588 | 03/23/26 00:25 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 00:25 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 04:15 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135328 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/21/26 04:15 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 135335 | 03/18/26 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135388 | 03/19/26 17:24 | CS | EET MID |

## Client Sample ID: CS - 49 (0.5')

**Lab Sample ID: 880-69773-49**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135593 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135588 | 03/23/26 00:45 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 00:45 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 04:30 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135328 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/21/26 04:30 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135335 | 03/18/26 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135388 | 03/19/26 17:30 | CS | EET MID |

## Client Sample ID: CS - 50 (0.5')

**Lab Sample ID: 880-69773-50**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 135593 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135588 | 03/23/26 01:06 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 01:06 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 04:46 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135328 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/21/26 04:46 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135335 | 03/18/26 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135388 | 03/19/26 17:37 | CS | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 51 (0.5')

**Lab Sample ID: 880-69773-51**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135593 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135588 | 03/23/26 02:41 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 02:41 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 05:16 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10.00 mL | 135328 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/21/26 05:16 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 135335 | 03/18/26 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135388 | 03/19/26 17:44 | CS | EET MID |

## Client Sample ID: CS - 52 (0.5')

**Lab Sample ID: 880-69773-52**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135593 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135588 | 03/23/26 03:01 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 03:01 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 05:30 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135328 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/21/26 05:30 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135335 | 03/18/26 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135388 | 03/19/26 18:04 | CS | EET MID |

## Client Sample ID: CS - 53 (0.5')

**Lab Sample ID: 880-69773-53**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135593 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135588 | 03/23/26 03:22 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 03:22 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 05:46 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 135328 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/21/26 05:46 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 135335 | 03/18/26 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135388 | 03/19/26 18:10 | CS | EET MID |

## Client Sample ID: CS - 54 (0.5')

**Lab Sample ID: 880-69773-54**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135593 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135588 | 03/23/26 03:42 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 03:42 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 54 (0.5')

**Lab Sample ID: 880-69773-54**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| 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 | | | 135627 | 03/21/26 06:01 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10.00 mL | 135328 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/21/26 06:01 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 135335 | 03/18/26 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135388 | 03/19/26 18:30 | CS | EET MID |

## Client Sample ID: CS - 55 (0.5')

**Lab Sample ID: 880-69773-55**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135593 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135588 | 03/23/26 04:03 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 04:03 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 06:15 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135328 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/21/26 06:15 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 135335 | 03/18/26 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135388 | 03/19/26 18:37 | CS | EET MID |

## Client Sample ID: CS - 56 (0.5')

**Lab Sample ID: 880-69773-56**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 135593 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135588 | 03/23/26 04:24 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 04:24 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 06:31 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10.00 mL | 135328 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/21/26 06:31 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 135335 | 03/18/26 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135388 | 03/19/26 18:43 | CS | EET MID |

## Client Sample ID: CS - 57 (0.5')

**Lab Sample ID: 880-69773-57**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135593 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135588 | 03/23/26 04:44 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 04:44 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 06:45 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.91 g | 10.00 mL | 135328 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/21/26 06:45 | SA | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 57 (0.5')

**Lab Sample ID: 880-69773-57**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| 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 | 135335 | 03/18/26 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135388 | 03/20/26 07:50 | CS | EET MID |

## Client Sample ID: CS - 58 (0.5')

**Lab Sample ID: 880-69773-58**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135593 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135588 | 03/23/26 05:05 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 05:05 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 07:01 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.96 g | 10.00 mL | 135328 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/21/26 07:01 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 135335 | 03/18/26 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135388 | 03/19/26 18:51 | CS | EET MID |

## Client Sample ID: CS - 59 (0.5')

**Lab Sample ID: 880-69773-59**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135593 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135588 | 03/23/26 05:25 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 05:25 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 07:16 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.95 g | 10.00 mL | 135328 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/21/26 07:16 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 135335 | 03/18/26 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135388 | 03/19/26 18:58 | CS | EET MID |

## Client Sample ID: CS - 60 (0.5')

**Lab Sample ID: 880-69773-60**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135593 | 03/22/26 08:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135588 | 03/23/26 05:46 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 05:46 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/21/26 07:30 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10.00 mL | 135328 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135477 | 03/21/26 07:30 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 135335 | 03/18/26 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135388 | 03/19/26 19:04 | CS | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 61 (0.5')

**Lab Sample ID: 880-69773-61**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135594 | 03/22/26 08:14 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135578 | 03/23/26 00:24 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 00:24 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 18:23 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10.00 mL | 135329 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/20/26 18:23 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135336 | 03/18/26 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135396 | 03/20/26 00:39 | CS | EET MID |

## Client Sample ID: CS - 62 (0.5')

**Lab Sample ID: 880-69773-62**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135594 | 03/22/26 08:14 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135578 | 03/23/26 00:44 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 00:44 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 19:08 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10.00 mL | 135329 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/20/26 19:08 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 135336 | 03/18/26 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135396 | 03/20/26 00:54 | CS | EET MID |

## Client Sample ID: CS - 63 (0.5')

**Lab Sample ID: 880-69773-63**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135594 | 03/22/26 08:14 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135578 | 03/23/26 01:05 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 01:05 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 19:24 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 135329 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/20/26 19:24 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 135336 | 03/18/26 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135396 | 03/20/26 01:00 | CS | EET MID |

## Client Sample ID: CS - 64 (0.5')

**Lab Sample ID: 880-69773-64**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135594 | 03/22/26 08:14 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135578 | 03/23/26 01:25 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 01:25 | SA | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 64 (0.5')

**Lab Sample ID: 880-69773-64**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| 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 | | | 135627 | 03/20/26 19:39 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10.00 mL | 135329 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/20/26 19:39 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 135336 | 03/18/26 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135396 | 03/20/26 01:05 | CS | EET MID |

## Client Sample ID: CS - 65 (0.5')

**Lab Sample ID: 880-69773-65**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 135594 | 03/22/26 08:14 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135578 | 03/23/26 01:46 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 01:46 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 19:54 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 135329 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/20/26 19:54 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 135336 | 03/18/26 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135396 | 03/20/26 01:10 | CS | EET MID |

## Client Sample ID: CS - 66 (0.5')

**Lab Sample ID: 880-69773-66**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135594 | 03/22/26 08:14 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135578 | 03/23/26 02:06 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 02:06 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 20:09 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 135329 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/20/26 20:09 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 135336 | 03/18/26 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135396 | 03/20/26 01:26 | CS | EET MID |

## Client Sample ID: CS - 67 (0.5')

**Lab Sample ID: 880-69773-67**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135594 | 03/22/26 08:14 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135578 | 03/23/26 02:27 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 02:27 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 20:25 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135329 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/20/26 20:25 | SA | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 67 (0.5')

**Lab Sample ID: 880-69773-67**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| 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 | 135336 | 03/18/26 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135396 | 03/20/26 01:31 | CS | EET MID |

## Client Sample ID: CS - 68 (0.5')

**Lab Sample ID: 880-69773-68**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135594 | 03/22/26 08:14 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135578 | 03/23/26 02:47 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 02:47 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 20:40 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 135329 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/20/26 20:40 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135336 | 03/18/26 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135396 | 03/20/26 01:36 | CS | EET MID |

## Client Sample ID: CS - 69 (0.5')

**Lab Sample ID: 880-69773-69**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135594 | 03/22/26 08:14 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135578 | 03/23/26 03:08 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 03:08 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 20:56 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135329 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/20/26 20:56 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 135336 | 03/18/26 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135396 | 03/20/26 01:42 | CS | EET MID |

## Client Sample ID: CS - 70 (0.5')

**Lab Sample ID: 880-69773-70**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 135594 | 03/22/26 08:14 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135578 | 03/23/26 03:28 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 03:28 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 21:11 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135329 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/20/26 21:11 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 135336 | 03/18/26 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135396 | 03/20/26 01:47 | CS | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 71 (0.5')

**Lab Sample ID: 880-69773-71**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135594 | 03/22/26 08:14 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135578 | 03/23/26 05:01 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 05:01 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 21:41 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135329 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/20/26 21:41 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 135336 | 03/18/26 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135396 | 03/20/26 01:52 | CS | EET MID |

## Client Sample ID: CS - 72 (0.5')

**Lab Sample ID: 880-69773-72**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135594 | 03/22/26 08:14 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135578 | 03/23/26 05:22 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 05:22 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 21:56 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135329 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/20/26 21:56 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135336 | 03/18/26 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135396 | 03/20/26 02:08 | CS | EET MID |

## Client Sample ID: CS - 73 (0.5')

**Lab Sample ID: 880-69773-73**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135594 | 03/22/26 08:14 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135578 | 03/23/26 05:42 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 05:42 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 22:11 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135329 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/20/26 22:11 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135336 | 03/18/26 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135396 | 03/20/26 02:13 | CS | EET MID |

## Client Sample ID: CS - 74 (0.5')

**Lab Sample ID: 880-69773-74**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135594 | 03/22/26 08:14 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135578 | 03/23/26 06:03 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 06:03 | SA | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 74 (0.5')

**Lab Sample ID: 880-69773-74**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

| 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 | | | 135627 | 03/20/26 22:27 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10.00 mL | 135329 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/20/26 22:27 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 135336 | 03/18/26 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135396 | 03/20/26 02:29 | CS | EET MID |

## Client Sample ID: CS - 75 (0.5')

**Lab Sample ID: 880-69773-75**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135594 | 03/22/26 08:14 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135578 | 03/23/26 06:23 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 06:23 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 22:41 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135329 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/20/26 22:41 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 135336 | 03/18/26 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135396 | 03/20/26 02:34 | CS | EET MID |

## Client Sample ID: CS - 76 (0.5')

**Lab Sample ID: 880-69773-76**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 135594 | 03/22/26 08:14 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135578 | 03/23/26 06:44 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 06:44 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 22:57 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135329 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/20/26 22:57 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 135336 | 03/18/26 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135396 | 03/20/26 02:39 | CS | EET MID |

## Client Sample ID: CS - 77 (0.5')

**Lab Sample ID: 880-69773-77**
**Date Collected: 03/18/26 00:00**
**Matrix: Solid**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135594 | 03/22/26 08:14 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135578 | 03/23/26 07:04 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 07:04 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/23/26 12:55 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10.00 mL | 135180 | 03/17/26 17:28 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135628 | 03/23/26 12:55 | FC | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

## Client Sample ID: CS - 77 (0.5')

**Lab Sample ID: 880-69773-77**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| 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 | 135336 | 03/18/26 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135396 | 03/20/26 02:44 | CS | EET MID |

## Client Sample ID: CS - 78 (0.5')

**Lab Sample ID: 880-69773-78**
**Matrix: Solid**
**Date Collected: 03/18/26 00:00**
**Date Received: 03/18/26 15:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135594 | 03/22/26 08:14 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135578 | 03/23/26 07:24 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135662 | 03/23/26 07:24 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135627 | 03/20/26 23:27 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135329 | 03/18/26 17:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135480 | 03/20/26 23:27 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135336 | 03/18/26 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135396 | 03/20/26 02:50 | 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: Berry 2 (02.16.2026)

Job ID: 880-69773-1
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: Berry 2 (02.16.2026)

Job ID: 880-69773-1
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: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 880-69773-1 | CS - 1 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-2 | CS - 2 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-3 | CS - 3 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-4 | CS - 4 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-5 | CS - 5 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-6 | CS - 6 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-7 | CS - 7 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-8 | CS - 8 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-9 | CS - 9 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-10 | CS - 10 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-11 | CS - 11 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-12 | CS - 12 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-13 | CS - 13 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-14 | CS - 14 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-15 | CS - 15 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-16 | CS - 16 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-17 | CS - 17 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-18 | CS - 18 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-19 | CS - 19 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-20 | CS - 20 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-21 | CS - 21 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-22 | CS - 22 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-23 | CS - 23 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-24 | CS - 24 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-25 | CS - 25 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-26 | CS - 26 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-27 | CS - 27 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-28 | CS - 28 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-29 | CS - 29 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-30 | CS - 30 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-31 | CS - 31 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-32 | CS - 32 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-33 | CS - 33 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-34 | CS - 34 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-35 | CS - 35 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-36 | CS - 36 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-37 | CS - 37 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-38 | CS - 38 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-39 | CS - 39 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-40 | CS - 40 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-41 | CS - 41 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-42 | CS - 42 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-43 | CS - 43 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-44 | CS - 44 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-45 | CS - 45 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-46 | CS - 46 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-47 | CS - 47 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-48 | CS - 48 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-49 | CS - 49 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-50 | CS - 50 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-51 | CS - 51 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-52 | CS - 52 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-53 | CS - 53 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |

# Sample Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69773-1
SDG: Lea County New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 880-69773-54 | CS - 54 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-55 | CS - 55 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-56 | CS - 56 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-57 | CS - 57 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-58 | CS - 58 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-59 | CS - 59 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-60 | CS - 60 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-61 | CS - 61 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-62 | CS - 62 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-63 | CS - 63 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-64 | CS - 64 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-65 | CS - 65 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-66 | CS - 66 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-67 | CS - 67 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-68 | CS - 68 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-69 | CS - 69 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-70 | CS - 70 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-71 | CS - 71 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-72 | CS - 72 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-73 | CS - 73 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-74 | CS - 74 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-75 | CS - 75 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-76 | CS - 76 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-77 | CS - 77 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |
| 880-69773-78 | CS - 78 (0.5') | Solid | 03/18/26 00:00 | 03/18/26 15:35 | New Mexico |

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# Chain of Custody

880-69773 Chain of Custody

3/23/2026

Page 1 of 8

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | |
| Project Number: | 3161 | ☐ Routine ☑ Rush | |
| Project Location | Lea County, New Mexico | Due Date: | 72 Hour |
| 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: | 5.2 |
| Total Containers: | | Corrected Temperature: | 5.3 |

**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-1 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-2 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-3 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-4 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-5 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-6 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-7 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-8 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-9 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-10 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 3-18-26 15:35 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

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# Chain of Custody

**Work Order No:** _____

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| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | |
| Project Number: | 3161 | ☐ Routine ☑ Rush | |
| Project Location | Lea County, New Mexico | Due Date: | 72 Hour |
| 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: | 5.2 |
| Total Containers: | | Corrected Temperature: | 5.3 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CS-11 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-12 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-13 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-14 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-15 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-16 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-17 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-18 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-19 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-20 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 3.18.26 15:35 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

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# Chain of Custody

**Work Order No:** _____

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| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | ☐ Routine ☑ Rush |
| Project Number: | 3161 | Due Date: | 72 Hour |
| 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: | 5.2 |
| Total Containers: | | Corrected Temperature: | 5.3 |

**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 | Parameters: BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | HOLD | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CS-21 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-22 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-23 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-24 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-25 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-26 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-27 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-28 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-29 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-30 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 3.18.26 15:35 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

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# Chain of Custody

**Work Order No:** _____

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| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | ☐ Routine ☑ Rush |
| Project Number: | 3161 | Due Date: | 72 Hour |
| 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: | 5.2 |
| Total Containers: | | Corrected Temperature: | 5.3 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CS-31 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-32 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-33 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-34 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-35 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-36 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-37 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-38 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-39 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-40 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 JDC | | 3.18.26 15:35 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

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# Chain of Custody

**Work Order No:** _____

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| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | |
| Project Number: | 3161 | ☐ Routine | ☑ Rush |
| Project Location | Lea County, New Mexico | Due Date: | 72 Hour |
| 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: | 5.2 |
| Total Containers: | | Corrected Temperature: | 5.3 |

**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-41 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-42 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-43 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-44 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-45 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-46 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-47 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-48 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-49 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-50 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 JDC | | 3-18-24 15:35 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

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# Chain of Custody

**Work Order No:** _____

3/23/2026

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| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | ☐ Routine ☑ Rush |
| Project Number: | 3161 | Due Date: | 72 Hour |
| 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: | 5.2 |
| Total Containers: | | Corrected Temperature: | 5.3 |

**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-51 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-52 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-53 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-54 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-55 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-56 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-57 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-58 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-59 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-60 (0.5') | 3/18/2026 | | X | | comp | 1 | | X | X | X | | |

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 JDC | | 3.18.26 15:35 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

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3/23/2026

# Chain of Custody

**Work Order No:** _____



| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | |
| Project Number: | 3161 | ☐ Routine ☑ Rush | |
| Project Location | Lea County, New Mexico | Due Date: | 72 Hour |
| 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: | 5.2 |
| Total Containers: | | Corrected Temperature: | 5.3 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CS-61 (0.5') | 3/18/2026 | | X | | comp | 1 | X | X | X | | |
| CS-62 (0.5') | 3/18/2026 | | X | | comp | 1 | X | X | X | | |
| CS-63 (0.5') | 3/18/2026 | | X | | comp | 1 | X | X | X | | |
| CS-64 (0.5') | 3/18/2026 | | X | | comp | 1 | X | X | X | | |
| CS-65 (0.5') | 3/18/2026 | | X | | comp | 1 | X | X | X | | |
| CS-66 (0.5') | 3/18/2026 | | X | | comp | 1 | X | X | X | | |
| CS-67 (0.5') | 3/18/2026 | | X | | comp | 1 | X | X | X | | |
| CS-68 (0.5') | 3/18/2026 | | X | | comp | 1 | X | X | X | | |
| CS-69 (0.5') | 3/18/2026 | | X | | comp | 1 | X | X | X | | |
| CS-70 (0.5') | 3/18/2026 | | X | | comp | 1 | X | X | X | | |

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 3.18.24 15:35 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

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# Chain of Custody

Work Order No: _____

3/23/2026

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| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ uperfund ☐

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | |
| Project Number: | 3161 | ☐ Routine ☑ Rush | |
| Project Location | Lea County, New Mexico | Due Date: | 72 Hour |
| 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: | | 5.2 | |
| Total Containers: | | Corrected Temperature: | | 5.3 | |

| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | HOLD | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CS-71 (0.5') | 3/18/2026 | | X | | comp | 1 | X | X | X | | |
| CS-72 (0.5') | 3/18/2026 | | X | | comp | 1 | X | X | X | | |
| CS-73 (0.5') | 3/18/2026 | | X | | comp | 1 | X | X | X | | |
| CS-74 (0.5') | 3/18/2026 | | X | | comp | 1 | X | X | X | | |
| CS-75 (0.5') | 3/18/2026 | | X | | comp | 1 | X | X | X | | |
| CS-76 (0.5') | 3/18/2026 | | X | | comp | 1 | X | X | X | | |
| CS-77 (0.5') | 3/18/2026 | | X | | comp | 1 | X | X | X | | |
| CS-78 (0.5') | 3/18/2026 | | X | | comp | 1 | X | X | X | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

Pres. Code — Parameters

**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

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 3.18.24 15:35 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

Revised Date 05012020 Rev. 2020.1



Received by OCD: 4/2/2026 2:29:46 PM

Released to Imaging: 4/15/2026 11:33:06 AM

# Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-69773-1
SDG Number: Lea County New Mexico

**Login Number: 69773**
**List Number: 1**
**Creator: Neeld, Linsey**

**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 3/24/2026 4:48:17 PM

## JOB DESCRIPTION

Berry 2 (02.16.2026)
Lea County New Mexico

## JOB NUMBER

880-69861-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.



Released to Imaging: 4/13/2026 11:55:06 AM

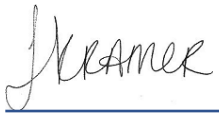
# Eurofins Midland

## 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
3/24/2026 4:48:17 PM

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

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Laboratory Job ID: 880-69861-1
SDG: Lea County New Mexico

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# Definitions/Glossary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

## Qualifiers

### GC VOA

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

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| 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: Berry 2 (02.16.2026)

Job ID: 880-69861-1

## Job ID: 880-69861-1 Eurofins Midland

**Job Narrative**
**880-69861-1**

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 3/19/2026 3:54 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 4.1°C.

**Receipt Exceptions**
The following samples were received and analyzed from an unpreserved bulk soil jar: CS-79(2.0') (880-69861-1), CS-80(2.0') (880-69861-2), CS-81(2.0') (880-69861-3), CS-82(2.0') (880-69861-4), CS-83(2.0') (880-69861-5), CS-84(2.0') (880-69861-6), CS-85(2.0') (880-69861-7), CS-86(2.0') (880-69861-8), CS-87(4.5') (880-69861-9), CS-88(4.5') (880-69861-10), CS-89(4.5') (880-69861-11), CS-90(4.5') (880-69861-12), CS-91(4.5') (880-69861-13), CS-92(4.5') (880-69861-14) and CS-93(4.5') (880-69861-15).

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

**Diesel Range Organics**
Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (880-69861-A-1-H MS) and (880-69861-A-1-I MSD). 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-80(2.0') (880-69861-2), CS-81(2.0') (880-69861-3) and CS-86(2.0') (880-69861-8). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: CS-79(2.0') (880-69861-1). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS-83(2.0') (880-69861-5), CS-85(2.0') (880-69861-7) and CS-87(4.5') (880-69861-9). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: CS-84(2.0') (880-69861-6). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS-89(4.5') (880-69861-11), CS-90(4.5') (880-69861-12) and CS-91(4.5') (880-69861-13). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS-92(4.5') (880-69861-14) and CS-93(4.5') (880-69861-15). Evidence of matrix interferences is not obvious.

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

**HPLC/IC**
Method 300.0 - Soluble: The Chloride matrix spike duplicate (MSD) recoveries for preparation batch 880-135465 and analytical batch 880-135494 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

The associated samples are: CS-79(2.0') (880-69861-1), CS-80(2.0') (880-69861-2), CS-81(2.0') (880-69861-3), CS-82(2.0')

# Case Narrative

Client: Carmona Resources
Project: Berry 2 (02.16.2026)

Job ID: 880-69861-1

## Job ID: 880-69861-1 (Continued) Eurofins Midland

(880-69861-4), CS-83(2.0') (880-69861-5), CS-84(2.0') (880-69861-6), CS-85(2.0') (880-69861-7), CS-86(2.0') (880-69861-8), CS-87(4.5') (880-69861-9), CS-88(4.5') (880-69861-10) and (880-69861-A-1-C MSD).

Method 300.0 - Soluble: The Chloride matrix spike duplicate (MSD) recoveries for preparation batch 880-135465 and analytical batch 880-135494 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

The associated samples are: CS-89(4.5') (880-69861-11), CS-90(4.5') (880-69861-12), CS-91(4.5') (880-69861-13), CS-92(4.5') (880-69861-14), CS-93(4.5') (880-69861-15) and (880-69861-A-11-C 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: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

## Client Sample ID: CS-79(2.0')

**Lab Sample ID: 880-69861-1**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

### 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 | | 03/23/26 10:07 | 03/23/26 11:58 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 11:58 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 11:58 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 11:58 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 11:58 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 11:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 11:58* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 11:58* | *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 | | | 03/23/26 11:58 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 03/24/26 02:28 | 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 | | 03/23/26 12:23 | 03/24/26 02:28 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 02:28 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 02:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *127* | | *70 - 130* | *03/23/26 12:23* | *03/24/26 02:28* | *1* |
| *o-Terphenyl (Surr)* | *150* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 02:28* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **38.7** | **F1** | 10.0 | | mg/Kg | | | 03/21/26 06:03 | 1 |

## Client Sample ID: CS-80(2.0')

**Lab Sample ID: 880-69861-2**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

### 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 | | 03/23/26 10:07 | 03/23/26 12:39 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 12:39 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 12:39 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 12:39 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 12:39 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 12:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 12:39* | *1* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 12:39* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

## Client Sample ID: CS-80(2.0')

**Lab Sample ID: 880-69861-2**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

### 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 | | | 03/23/26 12:39 | 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 | | | 03/24/26 03:13 | 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 | | 03/23/26 12:23 | 03/24/26 03:13 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 03:13 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 03:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *129* | | *70 - 130* | *03/23/26 12:23* | *03/24/26 03:13* | *1* |
| *o-Terphenyl (Surr)* | *136* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 03:13* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <9.90 | U | 9.90 | | mg/Kg | | | 03/21/26 06:38 | 1 |

## Client Sample ID: CS-81(2.0')

**Lab Sample ID: 880-69861-3**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

### 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 | | 03/23/26 10:07 | 03/23/26 12:59 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 12:59 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 12:59 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 12:59 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 12:59 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 12:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 12:59* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 12:59* | *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 | | | 03/23/26 12:59 | 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 | | | 03/24/26 03:28 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 03:28 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 03:28 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

## Client Sample ID: CS-81(2.0')

**Lab Sample ID: 880-69861-3**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

### 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 | | 03/23/26 12:23 | 03/24/26 03:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *128* | | *70 - 130* | *03/23/26 12:23* | *03/24/26 03:28* | *1* |
| *o-Terphenyl (Surr)* | *136* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 03:28* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **11.0** | | 10.1 | | mg/Kg | | | 03/21/26 06:50 | 1 |

## Client Sample ID: CS-82(2.0')

**Lab Sample ID: 880-69861-4**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

### 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 | | 03/23/26 10:07 | 03/23/26 13:20 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 13:20 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 13:20 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 13:20 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 13:20 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 13:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 13:20* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 13:20* | *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 | | | 03/23/26 13:20 | 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 | | | 03/24/26 03:43 | 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 | | 03/23/26 12:23 | 03/24/26 03:43 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 03:43 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 03:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *126* | | *70 - 130* | *03/23/26 12:23* | *03/24/26 03:43* | *1* |
| *o-Terphenyl (Surr)* | *120* | | *70 - 130* | *03/23/26 12:23* | *03/24/26 03:43* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **10.5** | | 10.1 | | mg/Kg | | | 03/21/26 07:02 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

## Client Sample ID: CS-83(2.0')

**Lab Sample ID: 880-69861-5**
**Date Collected: 03/19/26 00:00**
**Matrix: Solid**
**Date Received: 03/19/26 15:54**

### 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 | | 03/23/26 10:07 | 03/23/26 13:40 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 13:40 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 13:40 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 13:40 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 13:40 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 13:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 13:40* | *1* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 13:40* | *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 | | | 03/23/26 13:40 | 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 | | | 03/24/26 03:58 | 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 | | 03/23/26 12:23 | 03/24/26 03:58 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 03:58 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 03:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *134* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 03:58* | *1* |
| *o-Terphenyl (Surr)* | *146* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 03:58* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <9.98 | U | 9.98 | | mg/Kg | | | 03/21/26 07:14 | 1 |

## Client Sample ID: CS-84(2.0')

**Lab Sample ID: 880-69861-6**
**Date Collected: 03/19/26 00:00**
**Matrix: Solid**
**Date Received: 03/19/26 15:54**

### 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 | | 03/23/26 10:07 | 03/23/26 14:01 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 14:01 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 14:01 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 14:01 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 14:01 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 14:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 14:01* | *1* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 14:01* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

## Client Sample ID: CS-84(2.0')

**Lab Sample ID: 880-69861-6**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

### 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 | | | 03/23/26 14:01 | 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 | | | 03/24/26 04:13 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 04:13 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 04:13 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 04:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *135* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 04:13* | *1* |
| *o-Terphenyl (Surr)* | *129* | | *70 - 130* | *03/23/26 12:23* | *03/24/26 04:13* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **68.9** | | 10.1 | | mg/Kg | | | 03/21/26 07:50 | 1 |

## Client Sample ID: CS-85(2.0')

**Lab Sample ID: 880-69861-7**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

### 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 | | 03/23/26 10:07 | 03/23/26 14:21 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 14:21 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 14:21 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 14:21 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 14:21 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 14:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 14:21* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 14:21* | *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 | | | 03/23/26 14:21 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/24/26 04:28 | 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 | | 03/23/26 12:23 | 03/24/26 04:28 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 04:28 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

## Client Sample ID: CS-85(2.0')

**Lab Sample ID: 880-69861-7**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

### 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 | | 03/23/26 12:23 | 03/24/26 04:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *136* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 04:28* | *1* |
| *o-Terphenyl (Surr)* | *140* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 04:28* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **155** | | 10.0 | | mg/Kg | | | 03/21/26 08:02 | 1 |

## Client Sample ID: CS-86(2.0')

**Lab Sample ID: 880-69861-8**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

### 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 | | 03/23/26 10:07 | 03/23/26 14:42 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 14:42 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 14:42 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 14:42 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 14:42 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 14:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 14:42* | *1* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 14:42* | *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 | | | 03/23/26 14:42 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 03/24/26 04:43 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 04:43 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 04:43 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 04:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *129* | | *70 - 130* | *03/23/26 12:23* | *03/24/26 04:43* | *1* |
| *o-Terphenyl (Surr)* | *147* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 04:43* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **164** | | 10.0 | | mg/Kg | | | 03/21/26 08:14 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

## Client Sample ID: CS-87(4.5')

**Lab Sample ID: 880-69861-9**
**Date Collected: 03/19/26 00:00**
**Matrix: Solid**
**Date Received: 03/19/26 15:54**

### 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 | | 03/23/26 10:07 | 03/23/26 15:02 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 15:02 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 15:02 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 15:02 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 15:02 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 15:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 15:02* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 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 | | | 03/23/26 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 | | | 03/24/26 04:58 | 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 | | 03/23/26 12:23 | 03/24/26 04:58 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 04:58 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 04:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *132* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 04:58* | *1* |
| *o-Terphenyl (Surr)* | *152* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 04:58* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **13.1** | | 10.1 | | mg/Kg | | | 03/21/26 08:25 | 1 |

## Client Sample ID: CS-88(4.5')

**Lab Sample ID: 880-69861-10**
**Date Collected: 03/19/26 00:00**
**Matrix: Solid**
**Date Received: 03/19/26 15:54**

### 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 | | 03/23/26 10:07 | 03/23/26 16:35 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 16:35 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 16:35 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 16:35 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 16:35 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 16:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *106* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 16:35* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 16:35* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

## Client Sample ID: CS-88(4.5')

**Lab Sample ID: 880-69861-10**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

### 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 | | | 03/23/26 16:35 | 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 | | | 03/24/26 08:39 | 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 | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 08:39 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 08:39 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 08:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *112* | | *70 - 130* | *03/23/26 12:23* | *03/24/26 08:39* | *1* |
| *o-Terphenyl (Surr)* | *116* | | *70 - 130* | *03/23/26 12:23* | *03/24/26 08:39* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **28.0** | | 10.1 | | mg/Kg | | | 03/21/26 08:37 | 1 |

## Client Sample ID: CS-89(4.5')

**Lab Sample ID: 880-69861-11**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

### 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 | | 03/23/26 10:07 | 03/23/26 16:56 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 16:56 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 16:56 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 16:56 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 16:56 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 16:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 16:56* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 16:56* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 03/23/26 16:56 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/24/26 09:50 | 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 | | 03/23/26 12:23 | 03/24/26 09:50 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 09:50 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

## Client Sample ID: CS-89(4.5')

**Lab Sample ID: 880-69861-11**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

### 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 | | 03/23/26 12:23 | 03/24/26 09:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *139* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 09:50* | *1* |
| *o-Terphenyl (Surr)* | *169* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 09:50* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **16.3** | **F1** | 10.1 | | mg/Kg | | | 03/21/26 08:49 | 1 |

## Client Sample ID: CS-90(4.5')

**Lab Sample ID: 880-69861-12**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

### 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 | | 03/23/26 10:07 | 03/23/26 17:16 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 17:16 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 17:16 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 17:16 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 17:16 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 17:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 17:16* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 17:16* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 03/23/26 17:16 | 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 | | | 03/24/26 10:05 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 10:05 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 10:05 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 10:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *148* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 10:05* | *1* |
| *o-Terphenyl (Surr)* | *164* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 10:05* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **22.3** | | 9.90 | | mg/Kg | | | 03/21/26 09:25 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

## Client Sample ID: CS-91(4.5')

**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

**Lab Sample ID: 880-69861-13**
**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 | | 03/23/26 10:07 | 03/23/26 17:37 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 17:37 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 17:37 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 17:37 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 17:37 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 17:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 17:37* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 17:37* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 03/23/26 17:37 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/24/26 10:20 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 10:20 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 10:20 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 10:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *135* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 10:20* | *1* |
| *o-Terphenyl (Surr)* | *165* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 10:20* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **41.4** | | 10.1 | | mg/Kg | | | 03/21/26 09:37 | 1 |

## Client Sample ID: CS-92(4.5')

**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

**Lab Sample ID: 880-69861-14**
**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 | | 03/23/26 10:07 | 03/23/26 17:57 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 17:57 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 17:57 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 17:57 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 17:57 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 17:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 17:57* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 17:57* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

## Client Sample ID: CS-92(4.5')

**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

**Lab Sample ID: 880-69861-14**
**Matrix: Solid**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 03/23/26 17:57 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/24/26 10:35 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 10:35 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 10:35 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 10:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *119* | | *70 - 130* | *03/23/26 12:23* | *03/24/26 10:35* | *1* |
| *o-Terphenyl (Surr)* | *153* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 10:35* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **39.8** | | 10.1 | | mg/Kg | | | 03/21/26 10:13 | 1 |

## Client Sample ID: CS-93(4.5')

**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

**Lab Sample ID: 880-69861-15**
**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 | | 03/23/26 10:07 | 03/23/26 18:18 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 18:18 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 18:18 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 18:18 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 18:18 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 18:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 18:18* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 18:18* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 03/23/26 18:18 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 03/24/26 11:14 | 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 | | 03/23/26 12:23 | 03/24/26 11:14 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 11:14 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

**Client Sample ID: CS-93(4.5')**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

**Lab Sample ID: 880-69861-15**
**Matrix: Solid**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 11:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *123* | | *70 - 130* | *03/23/26 12:23* | *03/24/26 11:14* | *1* |
| *o-Terphenyl (Surr)* | *163* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 11:14* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **80.8** | | 10.0 | | mg/Kg | | | 03/21/26 10:25 | 1 |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
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) |
| 880-69861-1 | CS-79(2.0') | 96 | 103 |
| 880-69861-1 MS | CS-79(2.0') | 78 | 102 |
| 880-69861-1 MSD | CS-79(2.0') | 94 | 100 |
| 880-69861-2 | CS-80(2.0') | 97 | 104 |
| 880-69861-3 | CS-81(2.0') | 98 | 100 |
| 880-69861-4 | CS-82(2.0') | 98 | 101 |
| 880-69861-5 | CS-83(2.0') | 100 | 102 |
| 880-69861-6 | CS-84(2.0') | 98 | 102 |
| 880-69861-7 | CS-85(2.0') | 97 | 99 |
| 880-69861-8 | CS-86(2.0') | 94 | 102 |
| 880-69861-9 | CS-87(4.5') | 98 | 100 |
| 880-69861-10 | CS-88(4.5') | 106 | 99 |
| 880-69861-11 | CS-89(4.5') | 96 | 100 |
| 880-69861-12 | CS-90(4.5') | 96 | 101 |
| 880-69861-13 | CS-91(4.5') | 96 | 103 |
| 880-69861-14 | CS-92(4.5') | 100 | 100 |
| 880-69861-15 | CS-93(4.5') | 101 | 100 |
| LCS 880-135611/1-A | Lab Control Sample | 93 | 104 |
| LCSD 880-135611/2-A | Lab Control Sample Dup | 100 | 103 |
| MB 880-135611/5-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) |
| 880-69861-1 | CS-79(2.0') | 127 | 150 S1+ |
| 880-69861-1 MS | CS-79(2.0') | 156 S1+ | 135 S1+ |
| 880-69861-1 MSD | CS-79(2.0') | 160 S1+ | 132 S1+ |
| 880-69861-2 | CS-80(2.0') | 129 | 136 S1+ |
| 880-69861-3 | CS-81(2.0') | 128 | 136 S1+ |
| 880-69861-4 | CS-82(2.0') | 126 | 120 |
| 880-69861-5 | CS-83(2.0') | 134 S1+ | 146 S1+ |
| 880-69861-6 | CS-84(2.0') | 135 S1+ | 129 |
| 880-69861-7 | CS-85(2.0') | 136 S1+ | 140 S1+ |
| 880-69861-8 | CS-86(2.0') | 129 | 147 S1+ |
| 880-69861-9 | CS-87(4.5') | 132 S1+ | 152 S1+ |
| 880-69861-10 | CS-88(4.5') | 112 | 116 |
| 880-69861-11 | CS-89(4.5') | 139 S1+ | 169 S1+ |
| 880-69861-12 | CS-90(4.5') | 148 S1+ | 164 S1+ |
| 880-69861-13 | CS-91(4.5') | 135 S1+ | 165 S1+ |
| 880-69861-14 | CS-92(4.5') | 119 | 153 S1+ |
| 880-69861-15 | CS-93(4.5') | 123 | 163 S1+ |
| LCS 880-135645/2-A | Lab Control Sample | 92 | 108 |
| LCSD 880-135645/3-A | Lab Control Sample Dup | 90 | 89 |

# Surrogate Summary

Client: Carmona Resources
Job ID: 880-69861-1
Project/Site: Berry 2 (02.16.2026)
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) | | | | | | | | |
| MB 880-135645/1-A | Method Blank | 104 | 98 | | | | | | | | |

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

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

**Lab Sample ID: MB 880-135611/5-A**
**Matrix: Solid**
**Analysis Batch: 135600**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135611**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 11:36 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 11:36 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 11:36 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 11:36 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 11:36 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 10:07 | 03/23/26 11:36 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 11:36* | *1* |
| *1,4-Difluorobenzene (Surr)* | *92* | | *70 - 130* | *03/23/26 10:07* | *03/23/26 11:36* | *1* |

**Lab Sample ID: LCS 880-135611/1-A**
**Matrix: Solid**
**Analysis Batch: 135600**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135611**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.1024 | | mg/Kg | | 102 | 70 - 130 |
| Toluene | 0.100 | 0.1092 | | mg/Kg | | 109 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.1031 | | mg/Kg | | 103 | 70 - 130 |
| m,p-Xylenes | 0.200 | 0.2092 | | mg/Kg | | 105 | 70 - 130 |
| o-Xylene | 0.100 | 0.09665 | | mg/Kg | | 97 | 70 - 130 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135611/2-A**
**Matrix: Solid**
**Analysis Batch: 135600**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135611**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.09147 | | mg/Kg | | 91 | 70 - 130 | 11 | 35 |
| Toluene | 0.100 | 0.1027 | | mg/Kg | | 103 | 70 - 130 | 6 | 35 |
| Ethylbenzene | 0.100 | 0.09689 | | mg/Kg | | 97 | 70 - 130 | 6 | 35 |
| m,p-Xylenes | 0.200 | 0.1970 | | mg/Kg | | 98 | 70 - 130 | 6 | 35 |
| o-Xylene | 0.100 | 0.09440 | | mg/Kg | | 94 | 70 - 130 | 2 | 35 |

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

**Lab Sample ID: 880-69861-1 MS**
**Matrix: Solid**
**Analysis Batch: 135600**

**Client Sample ID: CS-79(2.0')**
**Prep Type: Total/NA**
**Prep Batch: 135611**

| 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 | 0.09736 | | mg/Kg | | 97 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 880-69861-1 MS**
**Matrix: Solid**
**Analysis Batch: 135600**

**Client Sample ID: CS-79(2.0')**
**Prep Type: Total/NA**
**Prep Batch: 135611**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | <0.00200 | U | 0.100 | 0.09061 | | mg/Kg | | 91 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1582 | | mg/Kg | | 79 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.100 | 0.07321 | | mg/Kg | | 73 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *78* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* |

**Lab Sample ID: 880-69861-1 MSD**
**Matrix: Solid**
**Analysis Batch: 135600**

**Client Sample ID: CS-79(2.0')**
**Prep Type: Total/NA**
**Prep Batch: 135611**

| 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 | 0.09835 | | mg/Kg | | 98 | 70 - 130 | 3 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.1024 | | mg/Kg | | 102 | 70 - 130 | 5 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.09595 | | mg/Kg | | 96 | 70 - 130 | 6 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1935 | | mg/Kg | | 97 | 70 - 130 | 20 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.09068 | | mg/Kg | | 91 | 70 - 130 | 21 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* |

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

**Lab Sample ID: MB 880-135645/1-A**
**Matrix: Solid**
**Analysis Batch: 135626**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135645**

| 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 | | 03/23/26 12:23 | 03/24/26 01:42 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 01:42 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 01:42 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *104* | | *70 - 130* | *03/23/26 12:23* | *03/24/26 01:42* | *1* |
| *o-Terphenyl (Surr)* | *98* | | *70 - 130* | *03/23/26 12:23* | *03/24/26 01:42* | *1* |

**Lab Sample ID: LCS 880-135645/2-A**
**Matrix: Solid**
**Analysis Batch: 135626**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135645**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 942.9 | | mg/Kg | | 94 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 936.5 | | mg/Kg | | 94 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

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

**Lab Sample ID: LCS 880-135645/2-A**
**Matrix: Solid**
**Analysis Batch: 135626**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135645**

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 92 | | 70 - 130 |
| o-Terphenyl (Surr) | 108 | | 70 - 130 |

**Lab Sample ID: LCSD 880-135645/3-A**
**Matrix: Solid**
**Analysis Batch: 135626**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135645**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 954.3 | | mg/Kg | | 95 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 847.9 | | mg/Kg | | 85 | 70 - 130 | 10 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 90 | | 70 - 130 |
| o-Terphenyl (Surr) | 89 | | 70 - 130 |

**Lab Sample ID: 880-69861-1 MS**
**Matrix: Solid**
**Analysis Batch: 135626**

**Client Sample ID: CS-79(2.0')**
**Prep Type: Total/NA**
**Prep Batch: 135645**

| 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 | 1138 | | mg/Kg | | 114 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 1000 | 1024 | | mg/Kg | | 102 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 156 | S1+ | 70 - 130 |
| o-Terphenyl (Surr) | 135 | S1+ | 70 - 130 |

**Lab Sample ID: 880-69861-1 MSD**
**Matrix: Solid**
**Analysis Batch: 135626**

**Client Sample ID: CS-79(2.0')**
**Prep Type: Total/NA**
**Prep Batch: 135645**

| 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 | 1181 | | mg/Kg | | 118 | 70 - 130 | 4 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 1000 | 1021 | | mg/Kg | | 102 | 70 - 130 | 0 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 160 | S1+ | 70 - 130 |
| o-Terphenyl (Surr) | 132 | S1+ | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-135465/1-A**
**Matrix: Solid**
**Analysis Batch: 135494**

**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 | | | 03/21/26 05:27 | 1 |

**Lab Sample ID: LCS 880-135465/2-A**
**Matrix: Solid**
**Analysis Batch: 135494**

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

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 275.0 | | mg/Kg | | 110 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-135465/3-A**
**Matrix: Solid**
**Analysis Batch: 135494**

**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 | 269.7 | | mg/Kg | | 108 | 90 - 110 | 2 | 20 |

**Lab Sample ID: 880-69861-1 MS**
**Matrix: Solid**
**Analysis Batch: 135494**

**Client Sample ID: CS-79(2.0')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 38.7 | F1 | 251 | 315.1 | | mg/Kg | | 110 | 90 - 110 | | |

**Lab Sample ID: 880-69861-1 MSD**
**Matrix: Solid**
**Analysis Batch: 135494**

**Client Sample ID: CS-79(2.0')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 38.7 | F1 | 251 | 319.4 | F1 | mg/Kg | | 112 | 90 - 110 | 1 | 20 |

**Lab Sample ID: 880-69861-11 MS**
**Matrix: Solid**
**Analysis Batch: 135494**

**Client Sample ID: CS-89(4.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 16.3 | F1 | 252 | 294.2 | | mg/Kg | | 110 | 90 - 110 | | |

**Lab Sample ID: 880-69861-11 MSD**
**Matrix: Solid**
**Analysis Batch: 135494**

**Client Sample ID: CS-89(4.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 16.3 | F1 | 252 | 294.6 | F1 | mg/Kg | | 111 | 90 - 110 | 0 | 20 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

## GC VOA

### Analysis Batch: 135600

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69861-1 | CS-79(2.0') | Total/NA | Solid | 8021B | 135611 |
| 880-69861-2 | CS-80(2.0') | Total/NA | Solid | 8021B | 135611 |
| 880-69861-3 | CS-81(2.0') | Total/NA | Solid | 8021B | 135611 |
| 880-69861-4 | CS-82(2.0') | Total/NA | Solid | 8021B | 135611 |
| 880-69861-5 | CS-83(2.0') | Total/NA | Solid | 8021B | 135611 |
| 880-69861-6 | CS-84(2.0') | Total/NA | Solid | 8021B | 135611 |
| 880-69861-7 | CS-85(2.0') | Total/NA | Solid | 8021B | 135611 |
| 880-69861-8 | CS-86(2.0') | Total/NA | Solid | 8021B | 135611 |
| 880-69861-9 | CS-87(4.5') | Total/NA | Solid | 8021B | 135611 |
| 880-69861-10 | CS-88(4.5') | Total/NA | Solid | 8021B | 135611 |
| 880-69861-11 | CS-89(4.5') | Total/NA | Solid | 8021B | 135611 |
| 880-69861-12 | CS-90(4.5') | Total/NA | Solid | 8021B | 135611 |
| 880-69861-13 | CS-91(4.5') | Total/NA | Solid | 8021B | 135611 |
| 880-69861-14 | CS-92(4.5') | Total/NA | Solid | 8021B | 135611 |
| 880-69861-15 | CS-93(4.5') | Total/NA | Solid | 8021B | 135611 |
| MB 880-135611/5-A | Method Blank | Total/NA | Solid | 8021B | 135611 |
| LCS 880-135611/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 135611 |
| LCSD 880-135611/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 135611 |
| 880-69861-1 MS | CS-79(2.0') | Total/NA | Solid | 8021B | 135611 |
| 880-69861-1 MSD | CS-79(2.0') | Total/NA | Solid | 8021B | 135611 |

### Prep Batch: 135611

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69861-1 | CS-79(2.0') | Total/NA | Solid | 5035 | |
| 880-69861-2 | CS-80(2.0') | Total/NA | Solid | 5035 | |
| 880-69861-3 | CS-81(2.0') | Total/NA | Solid | 5035 | |
| 880-69861-4 | CS-82(2.0') | Total/NA | Solid | 5035 | |
| 880-69861-5 | CS-83(2.0') | Total/NA | Solid | 5035 | |
| 880-69861-6 | CS-84(2.0') | Total/NA | Solid | 5035 | |
| 880-69861-7 | CS-85(2.0') | Total/NA | Solid | 5035 | |
| 880-69861-8 | CS-86(2.0') | Total/NA | Solid | 5035 | |
| 880-69861-9 | CS-87(4.5') | Total/NA | Solid | 5035 | |
| 880-69861-10 | CS-88(4.5') | Total/NA | Solid | 5035 | |
| 880-69861-11 | CS-89(4.5') | Total/NA | Solid | 5035 | |
| 880-69861-12 | CS-90(4.5') | Total/NA | Solid | 5035 | |
| 880-69861-13 | CS-91(4.5') | Total/NA | Solid | 5035 | |
| 880-69861-14 | CS-92(4.5') | Total/NA | Solid | 5035 | |
| 880-69861-15 | CS-93(4.5') | Total/NA | Solid | 5035 | |
| MB 880-135611/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-135611/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-135611/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-69861-1 MS | CS-79(2.0') | Total/NA | Solid | 5035 | |
| 880-69861-1 MSD | CS-79(2.0') | Total/NA | Solid | 5035 | |

### Analysis Batch: 135719

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69861-1 | CS-79(2.0') | Total/NA | Solid | Total BTEX | |
| 880-69861-2 | CS-80(2.0') | Total/NA | Solid | Total BTEX | |
| 880-69861-3 | CS-81(2.0') | Total/NA | Solid | Total BTEX | |
| 880-69861-4 | CS-82(2.0') | Total/NA | Solid | Total BTEX | |
| 880-69861-5 | CS-83(2.0') | Total/NA | Solid | Total BTEX | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

## GC VOA (Continued)

### Analysis Batch: 135719 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69861-6 | CS-84(2.0') | Total/NA | Solid | Total BTEX | |
| 880-69861-7 | CS-85(2.0') | Total/NA | Solid | Total BTEX | |
| 880-69861-8 | CS-86(2.0') | Total/NA | Solid | Total BTEX | |
| 880-69861-9 | CS-87(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69861-10 | CS-88(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69861-11 | CS-89(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69861-12 | CS-90(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69861-13 | CS-91(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69861-14 | CS-92(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69861-15 | CS-93(4.5') | Total/NA | Solid | Total BTEX | |

## GC Semi VOA

### Analysis Batch: 135626

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69861-1 | CS-79(2.0') | Total/NA | Solid | 8015B NM | 135645 |
| 880-69861-2 | CS-80(2.0') | Total/NA | Solid | 8015B NM | 135645 |
| 880-69861-3 | CS-81(2.0') | Total/NA | Solid | 8015B NM | 135645 |
| 880-69861-4 | CS-82(2.0') | Total/NA | Solid | 8015B NM | 135645 |
| 880-69861-5 | CS-83(2.0') | Total/NA | Solid | 8015B NM | 135645 |
| 880-69861-6 | CS-84(2.0') | Total/NA | Solid | 8015B NM | 135645 |
| 880-69861-7 | CS-85(2.0') | Total/NA | Solid | 8015B NM | 135645 |
| 880-69861-8 | CS-86(2.0') | Total/NA | Solid | 8015B NM | 135645 |
| 880-69861-9 | CS-87(4.5') | Total/NA | Solid | 8015B NM | 135645 |
| 880-69861-10 | CS-88(4.5') | Total/NA | Solid | 8015B NM | 135645 |
| 880-69861-11 | CS-89(4.5') | Total/NA | Solid | 8015B NM | 135645 |
| 880-69861-12 | CS-90(4.5') | Total/NA | Solid | 8015B NM | 135645 |
| 880-69861-13 | CS-91(4.5') | Total/NA | Solid | 8015B NM | 135645 |
| 880-69861-14 | CS-92(4.5') | Total/NA | Solid | 8015B NM | 135645 |
| 880-69861-15 | CS-93(4.5') | Total/NA | Solid | 8015B NM | 135645 |
| MB 880-135645/1-A | Method Blank | Total/NA | Solid | 8015B NM | 135645 |
| LCS 880-135645/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 135645 |
| LCSD 880-135645/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 135645 |
| 880-69861-1 MS | CS-79(2.0') | Total/NA | Solid | 8015B NM | 135645 |
| 880-69861-1 MSD | CS-79(2.0') | Total/NA | Solid | 8015B NM | 135645 |

### Prep Batch: 135645

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69861-1 | CS-79(2.0') | Total/NA | Solid | 8015NM Prep | |
| 880-69861-2 | CS-80(2.0') | Total/NA | Solid | 8015NM Prep | |
| 880-69861-3 | CS-81(2.0') | Total/NA | Solid | 8015NM Prep | |
| 880-69861-4 | CS-82(2.0') | Total/NA | Solid | 8015NM Prep | |
| 880-69861-5 | CS-83(2.0') | Total/NA | Solid | 8015NM Prep | |
| 880-69861-6 | CS-84(2.0') | Total/NA | Solid | 8015NM Prep | |
| 880-69861-7 | CS-85(2.0') | Total/NA | Solid | 8015NM Prep | |
| 880-69861-8 | CS-86(2.0') | Total/NA | Solid | 8015NM Prep | |
| 880-69861-9 | CS-87(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69861-10 | CS-88(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69861-11 | CS-89(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69861-12 | CS-90(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69861-13 | CS-91(4.5') | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

## GC Semi VOA (Continued)

### Prep Batch: 135645 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69861-14 | CS-92(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69861-15 | CS-93(4.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-135645/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-135645/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-135645/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-69861-1 MS | CS-79(2.0') | Total/NA | Solid | 8015NM Prep | |
| 880-69861-1 MSD | CS-79(2.0') | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 135759

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69861-1 | CS-79(2.0') | Total/NA | Solid | 8015 NM | |
| 880-69861-2 | CS-80(2.0') | Total/NA | Solid | 8015 NM | |
| 880-69861-3 | CS-81(2.0') | Total/NA | Solid | 8015 NM | |
| 880-69861-4 | CS-82(2.0') | Total/NA | Solid | 8015 NM | |
| 880-69861-5 | CS-83(2.0') | Total/NA | Solid | 8015 NM | |
| 880-69861-6 | CS-84(2.0') | Total/NA | Solid | 8015 NM | |
| 880-69861-7 | CS-85(2.0') | Total/NA | Solid | 8015 NM | |
| 880-69861-8 | CS-86(2.0') | Total/NA | Solid | 8015 NM | |
| 880-69861-9 | CS-87(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69861-10 | CS-88(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69861-11 | CS-89(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69861-12 | CS-90(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69861-13 | CS-91(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69861-14 | CS-92(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69861-15 | CS-93(4.5') | Total/NA | Solid | 8015 NM | |

## HPLC/IC

### Leach Batch: 135465

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69861-1 | CS-79(2.0') | Soluble | Solid | DI Leach | |
| 880-69861-2 | CS-80(2.0') | Soluble | Solid | DI Leach | |
| 880-69861-3 | CS-81(2.0') | Soluble | Solid | DI Leach | |
| 880-69861-4 | CS-82(2.0') | Soluble | Solid | DI Leach | |
| 880-69861-5 | CS-83(2.0') | Soluble | Solid | DI Leach | |
| 880-69861-6 | CS-84(2.0') | Soluble | Solid | DI Leach | |
| 880-69861-7 | CS-85(2.0') | Soluble | Solid | DI Leach | |
| 880-69861-8 | CS-86(2.0') | Soluble | Solid | DI Leach | |
| 880-69861-9 | CS-87(4.5') | Soluble | Solid | DI Leach | |
| 880-69861-10 | CS-88(4.5') | Soluble | Solid | DI Leach | |
| 880-69861-11 | CS-89(4.5') | Soluble | Solid | DI Leach | |
| 880-69861-12 | CS-90(4.5') | Soluble | Solid | DI Leach | |
| 880-69861-13 | CS-91(4.5') | Soluble | Solid | DI Leach | |
| 880-69861-14 | CS-92(4.5') | Soluble | Solid | DI Leach | |
| 880-69861-15 | CS-93(4.5') | Soluble | Solid | DI Leach | |
| MB 880-135465/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-135465/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-135465/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-69861-1 MS | CS-79(2.0') | Soluble | Solid | DI Leach | |
| 880-69861-1 MSD | CS-79(2.0') | Soluble | Solid | DI Leach | |
| 880-69861-11 MS | CS-89(4.5') | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

## HPLC/IC (Continued)

### Leach Batch: 135465 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69861-11 MSD | CS-89(4.5') | Soluble | Solid | DI Leach | |

### Analysis Batch: 135494

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69861-1 | CS-79(2.0') | Soluble | Solid | 300.0 | 135465 |
| 880-69861-2 | CS-80(2.0') | Soluble | Solid | 300.0 | 135465 |
| 880-69861-3 | CS-81(2.0') | Soluble | Solid | 300.0 | 135465 |
| 880-69861-4 | CS-82(2.0') | Soluble | Solid | 300.0 | 135465 |
| 880-69861-5 | CS-83(2.0') | Soluble | Solid | 300.0 | 135465 |
| 880-69861-6 | CS-84(2.0') | Soluble | Solid | 300.0 | 135465 |
| 880-69861-7 | CS-85(2.0') | Soluble | Solid | 300.0 | 135465 |
| 880-69861-8 | CS-86(2.0') | Soluble | Solid | 300.0 | 135465 |
| 880-69861-9 | CS-87(4.5') | Soluble | Solid | 300.0 | 135465 |
| 880-69861-10 | CS-88(4.5') | Soluble | Solid | 300.0 | 135465 |
| 880-69861-11 | CS-89(4.5') | Soluble | Solid | 300.0 | 135465 |
| 880-69861-12 | CS-90(4.5') | Soluble | Solid | 300.0 | 135465 |
| 880-69861-13 | CS-91(4.5') | Soluble | Solid | 300.0 | 135465 |
| 880-69861-14 | CS-92(4.5') | Soluble | Solid | 300.0 | 135465 |
| 880-69861-15 | CS-93(4.5') | Soluble | Solid | 300.0 | 135465 |
| MB 880-135465/1-A | Method Blank | Soluble | Solid | 300.0 | 135465 |
| LCS 880-135465/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 135465 |
| LCSD 880-135465/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 135465 |
| 880-69861-1 MS | CS-79(2.0') | Soluble | Solid | 300.0 | 135465 |
| 880-69861-1 MSD | CS-79(2.0') | Soluble | Solid | 300.0 | 135465 |
| 880-69861-11 MS | CS-89(4.5') | Soluble | Solid | 300.0 | 135465 |
| 880-69861-11 MSD | CS-89(4.5') | Soluble | Solid | 300.0 | 135465 |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

## Client Sample ID: CS-79(2.0')

**Lab Sample ID: 880-69861-1**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

| 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 | 135611 | 03/23/26 10:07 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135600 | 03/23/26 11:58 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135719 | 03/23/26 11:58 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135759 | 03/24/26 02:28 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135645 | 03/23/26 12:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135626 | 03/24/26 02:28 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 135465 | 03/20/26 08:19 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135494 | 03/21/26 06:03 | SMC | EET MID |

## Client Sample ID: CS-80(2.0')

**Lab Sample ID: 880-69861-2**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

| 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 | 135611 | 03/23/26 10:07 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135600 | 03/23/26 12:39 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135719 | 03/23/26 12:39 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135759 | 03/24/26 03:13 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135645 | 03/23/26 12:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135626 | 03/24/26 03:13 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 135465 | 03/20/26 08:19 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135494 | 03/21/26 06:38 | SMC | EET MID |

## Client Sample ID: CS-81(2.0')

**Lab Sample ID: 880-69861-3**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

| 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 | 135611 | 03/23/26 10:07 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135600 | 03/23/26 12:59 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135719 | 03/23/26 12:59 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135759 | 03/24/26 03:28 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135645 | 03/23/26 12:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135626 | 03/24/26 03:28 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 135465 | 03/20/26 08:19 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135494 | 03/21/26 06:50 | SMC | EET MID |

## Client Sample ID: CS-82(2.0')

**Lab Sample ID: 880-69861-4**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

| 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 | 135611 | 03/23/26 10:07 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135600 | 03/23/26 13:20 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135719 | 03/23/26 13:20 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

## Client Sample ID: CS-82(2.0')

**Lab Sample ID: 880-69861-4**
**Date Collected: 03/19/26 00:00**
**Matrix: Solid**
**Date Received: 03/19/26 15:54**

| 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 | | | 135759 | 03/24/26 03:43 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135645 | 03/23/26 12:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135626 | 03/24/26 03:43 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 135465 | 03/20/26 08:19 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135494 | 03/21/26 07:02 | SMC | EET MID |

## Client Sample ID: CS-83(2.0')

**Lab Sample ID: 880-69861-5**
**Date Collected: 03/19/26 00:00**
**Matrix: Solid**
**Date Received: 03/19/26 15:54**

| 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 | 135611 | 03/23/26 10:07 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135600 | 03/23/26 13:40 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135719 | 03/23/26 13:40 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135759 | 03/24/26 03:58 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135645 | 03/23/26 12:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135626 | 03/24/26 03:58 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 135465 | 03/20/26 08:19 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135494 | 03/21/26 07:14 | SMC | EET MID |

## Client Sample ID: CS-84(2.0')

**Lab Sample ID: 880-69861-6**
**Date Collected: 03/19/26 00:00**
**Matrix: Solid**
**Date Received: 03/19/26 15:54**

| 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 | 135611 | 03/23/26 10:07 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135600 | 03/23/26 14:01 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135719 | 03/23/26 14:01 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135759 | 03/24/26 04:13 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 135645 | 03/23/26 12:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135626 | 03/24/26 04:13 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 135465 | 03/20/26 08:19 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135494 | 03/21/26 07:50 | SMC | EET MID |

## Client Sample ID: CS-85(2.0')

**Lab Sample ID: 880-69861-7**
**Date Collected: 03/19/26 00:00**
**Matrix: Solid**
**Date Received: 03/19/26 15:54**

| 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 | 135611 | 03/23/26 10:07 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135600 | 03/23/26 14:21 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135719 | 03/23/26 14:21 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135759 | 03/24/26 04:28 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135645 | 03/23/26 12:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135626 | 03/24/26 04:28 | FC | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

## Client Sample ID: CS-85(2.0')

**Lab Sample ID: 880-69861-7**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

| 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 | 135465 | 03/20/26 08:19 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135494 | 03/21/26 08:02 | SMC | EET MID |

## Client Sample ID: CS-86(2.0')

**Lab Sample ID: 880-69861-8**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

| 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 | 135611 | 03/23/26 10:07 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135600 | 03/23/26 14:42 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135719 | 03/23/26 14:42 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135759 | 03/24/26 04:43 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135645 | 03/23/26 12:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135626 | 03/24/26 04:43 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 135465 | 03/20/26 08:19 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135494 | 03/21/26 08:14 | SMC | EET MID |

## Client Sample ID: CS-87(4.5')

**Lab Sample ID: 880-69861-9**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

| 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 | 135611 | 03/23/26 10:07 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135600 | 03/23/26 15:02 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135719 | 03/23/26 15:02 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135759 | 03/24/26 04:58 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135645 | 03/23/26 12:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135626 | 03/24/26 04:58 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 135465 | 03/20/26 08:19 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135494 | 03/21/26 08:25 | SMC | EET MID |

## Client Sample ID: CS-88(4.5')

**Lab Sample ID: 880-69861-10**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

| 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 | 135611 | 03/23/26 10:07 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135600 | 03/23/26 16:35 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135719 | 03/23/26 16:35 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135759 | 03/24/26 08:39 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135645 | 03/23/26 12:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135626 | 03/24/26 08:39 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 135465 | 03/20/26 08:19 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135494 | 03/21/26 08:37 | SMC | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

## Client Sample ID: CS-89(4.5')

**Lab Sample ID: 880-69861-11**

**Date Collected: 03/19/26 00:00**
**Matrix: Solid**
**Date Received: 03/19/26 15:54**

| 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 | 135611 | 03/23/26 10:07 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135600 | 03/23/26 16:56 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135719 | 03/23/26 16:56 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135759 | 03/24/26 09:50 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10.00 mL | 135645 | 03/23/26 12:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135626 | 03/24/26 09:50 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 135465 | 03/20/26 08:19 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135494 | 03/21/26 08:49 | SMC | EET MID |

## Client Sample ID: CS-90(4.5')

**Lab Sample ID: 880-69861-12**

**Date Collected: 03/19/26 00:00**
**Matrix: Solid**
**Date Received: 03/19/26 15:54**

| 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 | 135611 | 03/23/26 10:07 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135600 | 03/23/26 17:16 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135719 | 03/23/26 17:16 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135759 | 03/24/26 10:05 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135645 | 03/23/26 12:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135626 | 03/24/26 10:05 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 135465 | 03/20/26 08:19 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135494 | 03/21/26 09:25 | SMC | EET MID |

## Client Sample ID: CS-91(4.5')

**Lab Sample ID: 880-69861-13**

**Date Collected: 03/19/26 00:00**
**Matrix: Solid**
**Date Received: 03/19/26 15:54**

| 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 | 135611 | 03/23/26 10:07 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135600 | 03/23/26 17:37 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135719 | 03/23/26 17:37 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135759 | 03/24/26 10:20 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10.00 mL | 135645 | 03/23/26 12:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135626 | 03/24/26 10:20 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 135465 | 03/20/26 08:19 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135494 | 03/21/26 09:37 | SMC | EET MID |

## Client Sample ID: CS-92(4.5')

**Lab Sample ID: 880-69861-14**

**Date Collected: 03/19/26 00:00**
**Matrix: Solid**
**Date Received: 03/19/26 15:54**

| 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 | 135611 | 03/23/26 10:07 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135600 | 03/23/26 17:57 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135719 | 03/23/26 17:57 | SA | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

## Client Sample ID: CS-92(4.5')

**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

**Lab Sample ID: 880-69861-14**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 135759 | 03/24/26 10:35 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135645 | 03/23/26 12:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135626 | 03/24/26 10:35 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 135465 | 03/20/26 08:19 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135494 | 03/21/26 10:13 | SMC | EET MID |

## Client Sample ID: CS-93(4.5')

**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

**Lab Sample ID: 880-69861-15**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135611 | 03/23/26 10:07 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135600 | 03/23/26 18:18 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135719 | 03/23/26 18:18 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135759 | 03/24/26 11:14 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135645 | 03/23/26 12:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135626 | 03/24/26 11:14 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135465 | 03/20/26 08:19 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135494 | 03/21/26 10:25 | 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: Berry 2 (02.16.2026)

Job ID: 880-69861-1
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: Berry 2 (02.16.2026)

Job ID: 880-69861-1
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: Berry 2 (02.16.2026)

Job ID: 880-69861-1
SDG: Lea County New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 880-69861-1 | CS-79(2.0') | Solid | 03/19/26 00:00 | 03/19/26 15:54 | New Mexico |
| 880-69861-2 | CS-80(2.0') | Solid | 03/19/26 00:00 | 03/19/26 15:54 | New Mexico |
| 880-69861-3 | CS-81(2.0') | Solid | 03/19/26 00:00 | 03/19/26 15:54 | New Mexico |
| 880-69861-4 | CS-82(2.0') | Solid | 03/19/26 00:00 | 03/19/26 15:54 | New Mexico |
| 880-69861-5 | CS-83(2.0') | Solid | 03/19/26 00:00 | 03/19/26 15:54 | New Mexico |
| 880-69861-6 | CS-84(2.0') | Solid | 03/19/26 00:00 | 03/19/26 15:54 | New Mexico |
| 880-69861-7 | CS-85(2.0') | Solid | 03/19/26 00:00 | 03/19/26 15:54 | New Mexico |
| 880-69861-8 | CS-86(2.0') | Solid | 03/19/26 00:00 | 03/19/26 15:54 | New Mexico |
| 880-69861-9 | CS-87(4.5') | Solid | 03/19/26 00:00 | 03/19/26 15:54 | New Mexico |
| 880-69861-10 | CS-88(4.5') | Solid | 03/19/26 00:00 | 03/19/26 15:54 | New Mexico |
| 880-69861-11 | CS-89(4.5') | Solid | 03/19/26 00:00 | 03/19/26 15:54 | New Mexico |
| 880-69861-12 | CS-90(4.5') | Solid | 03/19/26 00:00 | 03/19/26 15:54 | New Mexico |
| 880-69861-13 | CS-91(4.5') | Solid | 03/19/26 00:00 | 03/19/26 15:54 | New Mexico |
| 880-69861-14 | CS-92(4.5') | Solid | 03/19/26 00:00 | 03/19/26 15:54 | New Mexico |
| 880-69861-15 | CS-93(4.5') | Solid | 03/19/26 00:00 | 03/19/26 15:54 | New Mexico |

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# Chain of Custody

880-69861 Chain of Custody

3/24/2026

Page 1 of 2

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | ☐ Routine ☑ Rush |
| Project Number: | 3161 | Due Date: | 72 Hour |
| 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: | 4.0 | |
| Total Containers: | | | Corrected Temperature: | 4.1 | |

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-79 (2.0') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-80 (2.0') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-81 (2.0') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-82 (2.0') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-83 (2.0') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-84 (2.0') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-85 (2.0') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-86 (2.0') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-87 (4.5') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-88 (4.5') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 3/19/26 15:54 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

Revised Date 05012020 Rev. 2020.1

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Received by OCD: 4/2/2026 2:29:46 PM

Released to Imaging: 4/15/2026 11:33:06 AM

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# Chain of Custody

**Work Order No:** _____

3/24/2026

Page 2 of 2

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | ☐ Routine ☑ Rush |
| Project Number: | 3161 | Due Date: | 72 Hour |
| 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: | 4.0 |
| Total Containers: | | Corrected Temperature: | 4.1 |

**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-89 (4.5') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-90 (4.5') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-91 (4.5') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-92 (4.5') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |
| CS-93 (4.5') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 3/19/26 15:54 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

Revised Date 05012020 Rev. 2020.1

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Received by OCD: 4/2/2026 2:29:46 PM

Released to Imaging: 4/15/2026 11:33:06 AM

Released to Imaging: 4/15/2026 11:33:06 AM
Received by OCD: 4/2/2026 2:29:46 PM

Midland, TX 79701
Phone (432) 704-5440

# Chain of Custody Record

880-69865 Chain of Custody

| Client Information | Sampler: Santiago Rodriguez | Lab PM: Simmons, Debbie | Carrier Tracking No(s): | 880-67131-938.1 |
|---|---|---|---|---|
| Client Contact: Gabriel Irigoyen | Phone: 432-653-1630 | E-Mail: Debbie.Simmons@et.eurofinsus.com | State of Origin: | Page: Page 1 of 1 |
| Company: Aptim Environmental & Infrastructure Inc | PWSID: | | | Job #: |
| Address: 10716 Hwy 191 Suite 9 | Due Date Requested: | | | |
| City: Midland | TAT Requested (days): | | | |
| State, Zip: TX, 79707 | Compliance Project: Δ Yes Δ No | | | |
| Phone: | PO #: Purchase Order Requested | | | |
| Email: gabriel.irigoyen@aptim.com | WO #: | | | |
| Project Name: Precision Machine | Project #: 88000237 | | | |
| Site: | SSOW#: | | | |

**Analysis Requested**

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

| Sample Identification | 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 | 6020A - 6020B-Total Chromium | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | D | | |
| INFLUENT | 03/19/26 | 1250 | G | W | N | | X | | |
| EFFLUENT | 03/19/26 | 1250 | G | W | N | | X | | |
| EFFLUENT MS/MSD | 03/19/26 | 1250 | G | W | N | X | X | | |

**Possible Hazard Identification**
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

**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)

Special Instructions/QC Requirements:

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: | |
|---|---|---|---|---|
| Relinquished by: Santiago Rodriguez | Date/Time: 03/19/26 1702 | Company: APTIM | Received by: Vera Ryal | Date/Time: 3.19.26 1702 Company |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: 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: 23.7123.5

Ver: 01/16/2019

# Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-69861-1
SDG Number: Lea County New Mexico

**Login Number: 69861**
**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 3/25/2026 3:43:41 PM

## JOB DESCRIPTION

Berry 2 (02.16.2026)
Lea County, New Mexico

## JOB NUMBER

880-69889-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.



Released to Imaging: 4/13/2026 11:55:06 AM

my EOL

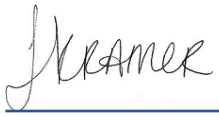
# Eurofins Midland

## 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
3/25/2026 3:43:41 PM

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

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Laboratory Job ID: 880-69889-1
SDG: Lea County, New Mexico

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# Definitions/Glossary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
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 |
|---|---|
| *1 | LCS/LCSD RPD exceeds control limits. |
| 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. |

### 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: Berry 2 (02.16.2026)

Job ID: 880-69889-1

## Job ID: 880-69889-1 Eurofins Midland

**Job Narrative**
**880-69889-1**

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 3/20/2026 3:37 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.2°C.

**GC VOA**
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-135652 and analytical batch 880-135736 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CS - 116(3.5') (880-69889-23). 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 880-135749 and analytical batch 880-135736 was outside the upper control limits.

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

**Diesel Range Organics**
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-135664/2-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 samples were outside control limits: CS - 95(3.5') (880-69889-2), CS - 107(3.5') (880-69889-14) and (880-69877-A-21-B). Evidence of matrix interferences is not obvious.

Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-135664 and analytical batch 880-135825 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28).

Method 8015B NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-135664 and analytical batch 880-135825 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-135669 and analytical batch 880-135825 was outside control limits. Sample non-homogeneity is suspected.

Method 8015B NM: Surrogate recovery for the following samples were outside the upper control limit: CS - 110(3.5') (880-69889-17), CS - 111(3.5') (880-69889-18) and CS - 115(3.5') (880-69889-22). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-135669 and analytical batch 880-135825 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**

# Case Narrative

Client: Carmona Resources
Project: Berry 2 (02.16.2026)

Job ID: 880-69889-1

## Job ID: 880-69889-1 (Continued) Eurofins Midland

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: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 94(3.5')

**Lab Sample ID: 880-69889-1**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:32 | 03/24/26 22:35 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 22:35 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 22:35 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 22:35 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 22:35 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 22:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *70 - 130* | *03/23/26 12:32* | *03/24/26 22:35* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/23/26 12:32* | *03/24/26 22:35* | *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 | | | 03/24/26 22:35 | 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 | | | 03/25/26 01:32 | 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 *1 | 50.0 | | mg/Kg | | 03/23/26 12:42 | 03/25/26 01:32 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U *1 | 50.0 | | mg/Kg | | 03/23/26 12:42 | 03/25/26 01:32 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:42 | 03/25/26 01:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *107* | | *70 - 130* | *03/23/26 12:42* | *03/25/26 01:32* | *1* |
| *o-Terphenyl (Surr)* | *119* | | *70 - 130* | *03/23/26 12:42* | *03/25/26 01:32* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **268** | | 10.1 | | mg/Kg | | | 03/23/26 20:26 | 1 |

## Client Sample ID: CS - 95(3.5')

**Lab Sample ID: 880-69889-2**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:32 | 03/24/26 22:56 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 22:56 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 22:56 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 22:56 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 22:56 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 22:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *03/23/26 12:32* | *03/24/26 22:56* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/23/26 12:32* | *03/24/26 22:56* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 95(3.5')

**Lab Sample ID: 880-69889-2**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | | 03/24/26 22:56 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 03/25/26 01:53 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U *1 | 49.9 | | mg/Kg | | 03/23/26 12:42 | 03/25/26 01:53 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U *1 | 49.9 | | mg/Kg | | 03/23/26 12:42 | 03/25/26 01:53 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:42 | 03/25/26 01:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *125* | | *70 - 130* | *03/23/26 12:42* | *03/25/26 01:53* | *1* |
| *o-Terphenyl (Surr)* | *141* | *S1+* | *70 - 130* | *03/23/26 12:42* | *03/25/26 01:53* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **179** | | 10.0 | | mg/Kg | | | 03/23/26 20:41 | 1 |

## Client Sample ID: CS - 96(3.5')

**Lab Sample ID: 880-69889-3**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:32 | 03/24/26 23:16 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 23:16 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 23:16 | 1 |
| m,p-Xylenes | <0.00403 | U | 0.00403 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 23:16 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 23:16 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 23:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *03/23/26 12:32* | *03/24/26 23:16* | *1* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* | *03/23/26 12:32* | *03/24/26 23:16* | *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 | | | 03/24/26 23:16 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 03/25/26 02:14 | 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 | <50.3 | U *1 | 50.3 | | mg/Kg | | 03/23/26 12:42 | 03/25/26 02:14 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U *1 | 50.3 | | mg/Kg | | 03/23/26 12:42 | 03/25/26 02:14 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 96(3.5')

**Lab Sample ID: 880-69889-3**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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) | <50.3 | U | 50.3 | | mg/Kg | | 03/23/26 12:42 | 03/25/26 02:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *111* | | *70 - 130* | *03/23/26 12:42* | *03/25/26 02:14* | *1* |
| *o-Terphenyl (Surr)* | *120* | | *70 - 130* | *03/23/26 12:42* | *03/25/26 02:14* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **52.7** | | 9.96 | | mg/Kg | | | 03/23/26 20:47 | 1 |

## Client Sample ID: CS - 97(3.5')

**Lab Sample ID: 880-69889-4**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:32 | 03/24/26 23:37 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 23:37 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 23:37 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 23:37 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 23:37 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 23:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *70 - 130* | *03/23/26 12:32* | *03/24/26 23:37* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/23/26 12:32* | *03/24/26 23:37* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 03/24/26 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 | <50.1 | U | 50.1 | | mg/Kg | | | 03/25/26 02:34 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U *1 | 50.1 | | mg/Kg | | 03/23/26 12:42 | 03/25/26 02:34 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U *1 | 50.1 | | mg/Kg | | 03/23/26 12:42 | 03/25/26 02:34 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 03/23/26 12:42 | 03/25/26 02:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *109* | | *70 - 130* | *03/23/26 12:42* | *03/25/26 02:34* | *1* |
| *o-Terphenyl (Surr)* | *118* | | *70 - 130* | *03/23/26 12:42* | *03/25/26 02:34* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <9.98 | U | 9.98 | | mg/Kg | | | 03/23/26 20:52 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 98(3.5')

**Lab Sample ID: 880-69889-5**
**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:32 | 03/24/26 23:57 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 23:57 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 23:57 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 23:57 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 23:57 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 23:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *03/23/26 12:32* | *03/24/26 23:57* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/23/26 12:32* | *03/24/26 23:57* | *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 | | | 03/24/26 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 | <50.1 | U | 50.1 | | mg/Kg | | | 03/25/26 02:55 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U *1 | 50.1 | | mg/Kg | | 03/23/26 12:42 | 03/25/26 02:55 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U *1 | 50.1 | | mg/Kg | | 03/23/26 12:42 | 03/25/26 02:55 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 03/23/26 12:42 | 03/25/26 02:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *114* | | *70 - 130* | *03/23/26 12:42* | *03/25/26 02:55* | *1* |
| *o-Terphenyl (Surr)* | *124* | | *70 - 130* | *03/23/26 12:42* | *03/25/26 02:55* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **37.1** | | 9.92 | | mg/Kg | | | 03/23/26 20:57 | 1 |

## Client Sample ID: CS - 99(3.5')

**Lab Sample ID: 880-69889-6**
**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:32 | 03/25/26 00:18 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 00:18 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 00:18 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 00:18 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 00:18 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 00:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 00:18* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 00:18* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 99(3.5')

**Lab Sample ID: 880-69889-6**
**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

### 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 | | | 03/25/26 00:18 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 03/25/26 03:15 | 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 | <50.1 | U *1 | 50.1 | | mg/Kg | | 03/23/26 12:42 | 03/25/26 03:15 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U *1 | 50.1 | | mg/Kg | | 03/23/26 12:42 | 03/25/26 03:15 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 03/23/26 12:42 | 03/25/26 03:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *109* | | *70 - 130* | *03/23/26 12:42* | *03/25/26 03:15* | *1* |
| *o-Terphenyl (Surr)* | *119* | | *70 - 130* | *03/23/26 12:42* | *03/25/26 03:15* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **49.5** | | 10.0 | | mg/Kg | | | 03/23/26 21:13 | 1 |

## Client Sample ID: CS - 100(3.5')

**Lab Sample ID: 880-69889-7**
**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:32 | 03/25/26 00:38 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 00:38 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 00:38 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 00:38 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 00:38 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 00:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 00:38* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 00:38* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 03/25/26 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 | | | 03/25/26 05:38 | 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 | | 03/23/26 12:50 | 03/25/26 05:38 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U F2 | 49.9 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 05:38 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 100(3.5')

**Lab Sample ID: 880-69889-7**
**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:50 | 03/25/26 05:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *102* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 05:38* | *1* |
| *o-Terphenyl (Surr)* | *113* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 05:38* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **29.3** | | 9.94 | | mg/Kg | | | 03/23/26 21:18 | 1 |

## Client Sample ID: CS - 101(3.5')

**Lab Sample ID: 880-69889-8**
**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:32 | 03/25/26 00:59 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 00:59 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 00:59 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 00:59 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 00:59 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 00:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 00:59* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 00:59* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 03/25/26 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 | <49.8 | U | 49.8 | | mg/Kg | | | 03/25/26 06:40 | 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 | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 06:40 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 06:40 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 06:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *99* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 06:40* | *1* |
| *o-Terphenyl (Surr)* | *114* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 06:40* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **103** | | 9.96 | | mg/Kg | | | 03/23/26 21:23 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 102(3.5')

**Lab Sample ID: 880-69889-9**
**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:32 | 03/25/26 01:19 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 01:19 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 01:19 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 01:19 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 01:19 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 01:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 01:19* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 01:19* | *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 | | | 03/25/26 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 | | | 03/25/26 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 | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 07:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 07:01 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 07:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *99* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 07:01* | *1* |
| *o-Terphenyl (Surr)* | *111* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 07:01* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **12.5** | | 9.98 | | mg/Kg | | | 03/23/26 21:28 | 1 |

## Client Sample ID: CS - 103(3.5')

**Lab Sample ID: 880-69889-10**
**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:32 | 03/25/26 01:40 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 01:40 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 01:40 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 01:40 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 01:40 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 01:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 01:40* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 01:40* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 103(3.5')

**Lab Sample ID: 880-69889-10**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | | 03/25/26 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 | <49.9 | U | 49.9 | | mg/Kg | | | 03/25/26 07:21 | 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 | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 07:21 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 07:21 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 07:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *98* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 07:21* | *1* |
| *o-Terphenyl (Surr)* | *106* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 07:21* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **12.3** | | 10.0 | | mg/Kg | | | 03/23/26 21:34 | 1 |

## Client Sample ID: CS - 104(3.5')

**Lab Sample ID: 880-69889-11**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:32 | 03/25/26 03:13 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 03:13 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 03:13 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 03:13 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 03:13 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 03:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 03:13* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 03:13* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 03/25/26 03:13 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/25/26 07:41 | 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 | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 07:41 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 07:41 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 104(3.5')

**Lab Sample ID: 880-69889-11**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:50 | 03/25/26 07:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *103* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 07:41* | *1* |
| *o-Terphenyl (Surr)* | *128* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 07:41* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **188** | | 10.0 | | mg/Kg | | | 03/23/26 21:39 | 1 |

## Client Sample ID: CS - 105(3.5')

**Lab Sample ID: 880-69889-12**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:32 | 03/25/26 03:34 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 03:34 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 03:34 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 03:34 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 03:34 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 03:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 03:34* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 03:34* | *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 | | | 03/25/26 03:34 | 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 | | | 03/25/26 08:03 | 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 | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 08:03 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 08:03 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 08:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *111* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 08:03* | *1* |
| *o-Terphenyl (Surr)* | *129* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 08:03* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **43.8** | | 10.0 | | mg/Kg | | | 03/23/26 21:55 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 106(3.5')

**Lab Sample ID: 880-69889-13**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:32 | 03/25/26 03:54 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 03:54 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 03:54 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 03:54 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 03:54 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 03:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *84* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 03:54* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 03:54* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 03/25/26 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 | <49.8 | U | 49.8 | | mg/Kg | | | 03/25/26 08:23 | 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 | | 03/23/26 12:50 | 03/25/26 08:23 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 08:23 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 08:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *107* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 08:23* | *1* |
| *o-Terphenyl (Surr)* | *122* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 08:23* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 03/23/26 22:00 | 1 |

## Client Sample ID: CS - 107(3.5')

**Lab Sample ID: 880-69889-14**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:32 | 03/25/26 04:14 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 04:14 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 04:14 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 04:14 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 04:14 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 04:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 04:14* | *1* |
| *1,4-Difluorobenzene (Surr)* | *114* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 04:14* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 107(3.5')

**Lab Sample ID: 880-69889-14**
**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

### 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 | | | 03/25/26 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 | <50.2 | U | 50.2 | | mg/Kg | | | 03/25/26 08:43 | 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 | <50.2 | U | 50.2 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 08:43 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 08:43 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 08:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *127* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 08:43* | *1* |
| *o-Terphenyl (Surr)* | *146* | *S1+* | *70 - 130* | *03/23/26 12:50* | *03/25/26 08:43* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **103** | | 10.1 | | mg/Kg | | | 03/23/26 22:16 | 1 |

## Client Sample ID: CS - 108(3.5')

**Lab Sample ID: 880-69889-15**
**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:32 | 03/25/26 04:35 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 04:35 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 04:35 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 04:35 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 04:35 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 04:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 04:35* | *1* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 04:35* | *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 | | | 03/25/26 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 | <50.2 | U | 50.2 | | mg/Kg | | | 03/25/26 09:04 | 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 | <50.2 | U | 50.2 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 09:04 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 09:04 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 108(3.5')

**Lab Sample ID: 880-69889-15**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 09:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *104* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 09:04* | *1* |
| *o-Terphenyl (Surr)* | *123* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 09:04* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **16.7** | | 9.98 | | mg/Kg | | | 03/23/26 22:21 | 1 |

## Client Sample ID: CS - 109(3.5')

**Lab Sample ID: 880-69889-16**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:32 | 03/25/26 04:56 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 04:56 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 04:56 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 04:56 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 04:56 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 04:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 04:56* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 04:56* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 03/25/26 04:56 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 03/25/26 09:24 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 09:24 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 09:24 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 09:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *106* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 09:24* | *1* |
| *o-Terphenyl (Surr)* | *114* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 09:24* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **52.6** | | 9.92 | | mg/Kg | | | 03/23/26 22:26 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 110(3.5')

**Lab Sample ID: 880-69889-17**
**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:32 | 03/25/26 05:16 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 05:16 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 05:16 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 05:16 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 05:16 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 05:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 05:16* | *1* |
| *1,4-Difluorobenzene (Surr)* | *106* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 05:16* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 03/25/26 05:16 | 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 | | | 03/25/26 10:06 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 10:06 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 10:06 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 10:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *118* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 10:06* | *1* |
| *o-Terphenyl (Surr)* | *135* | *S1+* | *70 - 130* | *03/23/26 12:50* | *03/25/26 10:06* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **60.7** | | 9.92 | | mg/Kg | | | 03/24/26 09:37 | 1 |

## Client Sample ID: CS - 111(3.5')

**Lab Sample ID: 880-69889-18**
**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:32 | 03/25/26 05:36 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 05:36 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 05:36 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 05:36 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 05:36 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 05:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 05:36* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 05:36* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 111(3.5')

**Lab Sample ID: 880-69889-18**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | | 03/25/26 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 | | | 03/25/26 10:26 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 10:26 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 10:26 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 10:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *121* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 10:26* | *1* |
| *o-Terphenyl (Surr)* | *140* | *S1+* | *70 - 130* | *03/23/26 12:50* | *03/25/26 10:26* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **197** | | 10.1 | | mg/Kg | | | 03/23/26 22:37 | 1 |

## Client Sample ID: CS - 112(3.5')

**Lab Sample ID: 880-69889-19**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:32 | 03/25/26 05:57 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 05:57 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 05:57 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 05:57 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 05:57 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 05:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 05:57* | *1* |
| *1,4-Difluorobenzene (Surr)* | *105* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 05:57* | *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 | | | 03/25/26 05:57 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/25/26 10:46 | 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 | | 03/23/26 12:50 | 03/25/26 10:46 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 10:46 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 112(3.5')

**Lab Sample ID: 880-69889-19**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:50 | 03/25/26 10:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *109* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 10:46* | *1* |
| *o-Terphenyl (Surr)* | *117* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 10:46* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **223** | | 10.0 | | mg/Kg | | | 03/23/26 22:42 | 1 |

## Client Sample ID: CS - 113(3.5')

**Lab Sample ID: 880-69889-20**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:32 | 03/25/26 06:17 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 06:17 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 06:17 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 06:17 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 06:17 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 12:32 | 03/25/26 06:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 06:17* | *1* |
| *1,4-Difluorobenzene (Surr)* | *105* | | *70 - 130* | *03/23/26 12:32* | *03/25/26 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 | | | 03/25/26 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 | | | 03/25/26 11:07 | 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 | | 03/23/26 12:50 | 03/25/26 11:07 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 11:07 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 11:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *109* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 11:07* | *1* |
| *o-Terphenyl (Surr)* | *120* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 11:07* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **16.2** | | 10.0 | | mg/Kg | | | 03/23/26 22:47 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 114(3.5')

**Lab Sample ID: 880-69889-21**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:39 | 03/25/26 06:46 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:39 | 03/25/26 06:46 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:39 | 03/25/26 06:46 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 12:39 | 03/25/26 06:46 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:39 | 03/25/26 06:46 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 12:39 | 03/25/26 06:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *70 - 130* | *03/23/26 12:39* | *03/25/26 06:46* | *1* |
| *1,4-Difluorobenzene (Surr)* | *91* | | *70 - 130* | *03/23/26 12:39* | *03/25/26 06:46* | *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 | | | 03/25/26 06:46 | 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 | | | 03/25/26 11:27 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 11:27 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 11:27 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 11:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *116* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 11:27* | *1* |
| *o-Terphenyl (Surr)* | *124* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 11:27* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **223** | | 10.1 | | mg/Kg | | | 03/23/26 16:32 | 1 |

## Client Sample ID: CS - 115(3.5')

**Lab Sample ID: 880-69889-22**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:39 | 03/25/26 07:07 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:39 | 03/25/26 07:07 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:39 | 03/25/26 07:07 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 12:39 | 03/25/26 07:07 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:39 | 03/25/26 07:07 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 12:39 | 03/25/26 07:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *109* | | *70 - 130* | *03/23/26 12:39* | *03/25/26 07:07* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *03/23/26 12:39* | *03/25/26 07:07* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 115(3.5')

**Lab Sample ID: 880-69889-22**
**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

### 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 | | | 03/25/26 07:07 | 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 | | | 03/25/26 11:47 | 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 | | 03/23/26 12:50 | 03/25/26 11:47 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 11:47 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 11:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *117* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 11:47* | *1* |
| *o-Terphenyl (Surr)* | *132* | *S1+* | *70 - 130* | *03/23/26 12:50* | *03/25/26 11:47* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **168** | | 10.0 | | mg/Kg | | | 03/23/26 17:08 | 1 |

## Client Sample ID: CS - 116(3.5')

**Lab Sample ID: 880-69889-23**
**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:39 | 03/25/26 07:27 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 12:39 | 03/25/26 07:27 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 12:39 | 03/25/26 07:27 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 12:39 | 03/25/26 07:27 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 12:39 | 03/25/26 07:27 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 12:39 | 03/25/26 07:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *130* | | *70 - 130* | *03/23/26 12:39* | *03/25/26 07:27* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *03/23/26 12:39* | *03/25/26 07:27* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 03/25/26 07:27 | 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 | | | 03/25/26 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 | | 03/23/26 12:50 | 03/25/26 12:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 12:08 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 116(3.5')

**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

## Lab Sample ID: 880-69889-23

**Matrix: Solid**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 12:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *95* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 12:08* | *1* |
| *o-Terphenyl (Surr)* | *108* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 12:08* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.1 | U | 10.1 | | mg/Kg | | | 03/23/26 17:19 | 1 |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

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

**Matrix: Solid** **Prep Type: Total/NA**

| Lab Sample ID | Client Sample ID | BFB1 (70-130) | DFBZ1 (70-130) |
|---|---|---|---|
| 880-69877-A-21-E MS | Matrix Spike | 114 | 94 |
| 880-69877-A-21-F MSD | Matrix Spike Duplicate | 113 | 94 |
| 880-69889-1 | CS - 94(3.5') | 101 | 101 |
| 880-69889-1 MS | CS - 94(3.5') | 97 | 105 |
| 880-69889-1 MSD | CS - 94(3.5') | 93 | 106 |
| 880-69889-2 | CS - 95(3.5') | 96 | 103 |
| 880-69889-3 | CS - 96(3.5') | 96 | 104 |
| 880-69889-4 | CS - 97(3.5') | 94 | 103 |
| 880-69889-5 | CS - 98(3.5') | 96 | 103 |
| 880-69889-6 | CS - 99(3.5') | 92 | 98 |
| 880-69889-7 | CS - 100(3.5') | 96 | 100 |
| 880-69889-8 | CS - 101(3.5') | 95 | 101 |
| 880-69889-9 | CS - 102(3.5') | 95 | 103 |
| 880-69889-10 | CS - 103(3.5') | 97 | 101 |
| 880-69889-11 | CS - 104(3.5') | 96 | 103 |
| 880-69889-12 | CS - 105(3.5') | 91 | 103 |
| 880-69889-13 | CS - 106(3.5') | 84 | 98 |
| 880-69889-14 | CS - 107(3.5') | 91 | 114 |
| 880-69889-15 | CS - 108(3.5') | 97 | 104 |
| 880-69889-16 | CS - 109(3.5') | 95 | 101 |
| 880-69889-17 | CS - 110(3.5') | 93 | 106 |
| 880-69889-18 | CS - 111(3.5') | 104 | 103 |
| 880-69889-19 | CS - 112(3.5') | 95 | 105 |
| 880-69889-20 | CS - 113(3.5') | 96 | 105 |
| 880-69889-21 | CS - 114(3.5') | 110 | 91 |
| 880-69889-22 | CS - 115(3.5') | 109 | 96 |
| 880-69889-23 | CS - 116(3.5') | 130 | 97 |
| LCS 880-135650/1-A | Lab Control Sample | 93 | 107 |
| LCS 880-135652/1-A | Lab Control Sample | 98 | 91 |
| LCSD 880-135650/2-A | Lab Control Sample Dup | 103 | 101 |
| LCSD 880-135652/2-A | Lab Control Sample Dup | 108 | 102 |
| MB 880-135650/5-A | Method Blank | 96 | 98 |
| MB 880-135652/5-A | Method Blank | 231 S1+ | 103 |
| MB 880-135743/5-A | Method Blank | 95 | 96 |
| MB 880-135749/5-A | Method Blank | 188 S1+ | 94 |

Percent Surrogate Recovery (Acceptance Limits)

**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 | 1CO1 (70-130) | OTPH1 (70-130) |
|---|---|---|---|
| 880-69877-A-21-C MS | Matrix Spike | 111 | 107 |
| 880-69877-A-21-D MSD | Matrix Spike Duplicate | 106 | 104 |
| 880-69889-1 | CS - 94(3.5') | 107 | 119 |
| 880-69889-2 | CS - 95(3.5') | 125 | 141 S1+ |

Percent Surrogate Recovery (Acceptance Limits)

# Surrogate Summary

Client: Carmona Resources
Job ID: 880-69889-1
Project/Site: Berry 2 (02.16.2026)
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) | | | | | | | | |
| 880-69889-3 | CS - 96(3.5') | 111 | 120 | | | | | | | | |
| 880-69889-4 | CS - 97(3.5') | 109 | 118 | | | | | | | | |
| 880-69889-5 | CS - 98(3.5') | 114 | 124 | | | | | | | | |
| 880-69889-6 | CS - 99(3.5') | 109 | 119 | | | | | | | | |
| 880-69889-7 | CS - 100(3.5') | 102 | 113 | | | | | | | | |
| 880-69889-7 MS | CS - 100(3.5') | 104 | 102 | | | | | | | | |
| 880-69889-7 MSD | CS - 100(3.5') | 120 | 121 | | | | | | | | |
| 880-69889-8 | CS - 101(3.5') | 99 | 114 | | | | | | | | |
| 880-69889-9 | CS - 102(3.5') | 99 | 111 | | | | | | | | |
| 880-69889-10 | CS - 103(3.5') | 98 | 106 | | | | | | | | |
| 880-69889-11 | CS - 104(3.5') | 103 | 128 | | | | | | | | |
| 880-69889-12 | CS - 105(3.5') | 111 | 129 | | | | | | | | |
| 880-69889-13 | CS - 106(3.5') | 107 | 122 | | | | | | | | |
| 880-69889-14 | CS - 107(3.5') | 127 | 146 S1+ | | | | | | | | |
| 880-69889-15 | CS - 108(3.5') | 104 | 123 | | | | | | | | |
| 880-69889-16 | CS - 109(3.5') | 106 | 114 | | | | | | | | |
| 880-69889-17 | CS - 110(3.5') | 118 | 135 S1+ | | | | | | | | |
| 880-69889-18 | CS - 111(3.5') | 121 | 140 S1+ | | | | | | | | |
| 880-69889-19 | CS - 112(3.5') | 109 | 117 | | | | | | | | |
| 880-69889-20 | CS - 113(3.5') | 109 | 120 | | | | | | | | |
| 880-69889-21 | CS - 114(3.5') | 116 | 124 | | | | | | | | |
| 880-69889-22 | CS - 115(3.5') | 117 | 132 S1+ | | | | | | | | |
| 880-69889-23 | CS - 116(3.5') | 95 | 108 | | | | | | | | |
| LCS 880-135664/2-A | Lab Control Sample | 153 S1+ | 146 S1+ | | | | | | | | |
| LCS 880-135669/2-A | Lab Control Sample | 100 | 95 | | | | | | | | |
| LCSD 880-135664/3-A | Lab Control Sample Dup | 88 | 81 | | | | | | | | |
| LCSD 880-135669/3-A | Lab Control Sample Dup | 96 | 90 | | | | | | | | |
| MB 880-135664/1-A | Method Blank | 100 | 110 | | | | | | | | |
| MB 880-135669/1-A | Method Blank | 128 | 139 S1+ | | | | | | | | |

**Surrogate Legend**

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

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

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

**Lab Sample ID: MB 880-135650/5-A**
**Matrix: Solid**
**Analysis Batch: 135739**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135650**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 22:14 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 22:14 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 22:14 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 22:14 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 22:14 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 12:32 | 03/24/26 22:14 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *03/23/26 12:32* | *03/24/26 22:14* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *03/23/26 12:32* | *03/24/26 22:14* | *1* |

**Lab Sample ID: LCS 880-135650/1-A**
**Matrix: Solid**
**Analysis Batch: 135739**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135650**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.09836 | | mg/Kg | | 98 | 70 - 130 |
| Toluene | 0.100 | 0.1025 | | mg/Kg | | 103 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.09486 | | mg/Kg | | 95 | 70 - 130 |
| m,p-Xylenes | 0.200 | 0.1912 | | mg/Kg | | 96 | 70 - 130 |
| o-Xylene | 0.100 | 0.09115 | | mg/Kg | | 91 | 70 - 130 |

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

**Lab Sample ID: LCSD 880-135650/2-A**
**Matrix: Solid**
**Analysis Batch: 135739**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135650**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.09307 | | mg/Kg | | 93 | 70 - 130 | 6 | 35 |
| Toluene | 0.100 | 0.1099 | | mg/Kg | | 110 | 70 - 130 | 7 | 35 |
| Ethylbenzene | 0.100 | 0.1048 | | mg/Kg | | 105 | 70 - 130 | 10 | 35 |
| m,p-Xylenes | 0.200 | 0.2175 | | mg/Kg | | 109 | 70 - 130 | 13 | 35 |
| o-Xylene | 0.100 | 0.1028 | | mg/Kg | | 103 | 70 - 130 | 12 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* |

**Lab Sample ID: 880-69889-1 MS**
**Matrix: Solid**
**Analysis Batch: 135739**

**Client Sample ID: CS - 94(3.5')**
**Prep Type: Total/NA**
**Prep Batch: 135650**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.08210 | | mg/Kg | | 82 | 70 - 130 |
| Toluene | <0.00200 | U | 0.100 | 0.08628 | | mg/Kg | | 86 | 70 - 130 |

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# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

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

**Lab Sample ID: 880-69889-1 MS**
**Matrix: Solid**
**Analysis Batch: 135739**

**Client Sample ID: CS - 94(3.5')**
**Prep Type: Total/NA**
**Prep Batch: 135650**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | <0.00200 | U | 0.100 | 0.08189 | | mg/Kg | | 82 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1642 | | mg/Kg | | 82 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.100 | 0.07786 | | mg/Kg | | 78 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *105* | | *70 - 130* |

**Lab Sample ID: 880-69889-1 MSD**
**Matrix: Solid**
**Analysis Batch: 135739**

**Client Sample ID: CS - 94(3.5')**
**Prep Type: Total/NA**
**Prep Batch: 135650**

| 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 | 0.09135 | | mg/Kg | | 91 | 70 - 130 | 11 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.09230 | | mg/Kg | | 92 | 70 - 130 | 7 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.08542 | | mg/Kg | | 85 | 70 - 130 | 4 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1707 | | mg/Kg | | 85 | 70 - 130 | 4 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.08010 | | mg/Kg | | 80 | 70 - 130 | 3 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *106* | | *70 - 130* |

**Lab Sample ID: MB 880-135652/5-A**
**Matrix: Solid**
**Analysis Batch: 135736**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135652**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:39 | 03/25/26 00:00 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:39 | 03/25/26 00:00 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:39 | 03/25/26 00:00 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 12:39 | 03/25/26 00:00 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 12:39 | 03/25/26 00:00 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 12:39 | 03/25/26 00:00 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *231* | *S1+* | *70 - 130* | *03/23/26 12:39* | *03/25/26 00:00* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/23/26 12:39* | *03/25/26 00:00* | *1* |

**Lab Sample ID: LCS 880-135652/1-A**
**Matrix: Solid**
**Analysis Batch: 135736**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135652**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.1027 | | mg/Kg | | 103 | 70 - 130 |
| Toluene | 0.100 | 0.09476 | | mg/Kg | | 95 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.1064 | | mg/Kg | | 106 | 70 - 130 |
| m,p-Xylenes | 0.200 | 0.1943 | | mg/Kg | | 97 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

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

**Lab Sample ID: LCS 880-135652/1-A**
**Matrix: Solid**
**Analysis Batch: 135736**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135652**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| o-Xylene | | | 0.100 | 0.1048 | | mg/Kg | | 105 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *91* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135652/2-A**
**Matrix: Solid**
**Analysis Batch: 135736**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135652**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1075 | | mg/Kg | | 108 | 70 - 130 | 5 | 35 |
| Toluene | | | 0.100 | 0.09199 | | mg/Kg | | 92 | 70 - 130 | 3 | 35 |
| Ethylbenzene | | | 0.100 | 0.1127 | | mg/Kg | | 113 | 70 - 130 | 6 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2129 | | mg/Kg | | 106 | 70 - 130 | 9 | 35 |
| o-Xylene | | | 0.100 | 0.1162 | | mg/Kg | | 116 | 70 - 130 | 10 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *108* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* |

**Lab Sample ID: 880-69877-A-21-E MS**
**Matrix: Solid**
**Analysis Batch: 135736**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 135652**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.09833 | | mg/Kg | | 98 | 70 - 130 | | |
| Toluene | <0.00200 | U | 0.100 | 0.08596 | | mg/Kg | | 86 | 70 - 130 | | |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.1029 | | mg/Kg | | 103 | 70 - 130 | | |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.2007 | | mg/Kg | | 100 | 70 - 130 | | |
| o-Xylene | <0.00200 | U | 0.100 | 0.1094 | | mg/Kg | | 109 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *114* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* |

**Lab Sample ID: 880-69877-A-21-F MSD**
**Matrix: Solid**
**Analysis Batch: 135736**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 135652**

| 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 | 0.09663 | | mg/Kg | | 97 | 70 - 130 | 2 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.08544 | | mg/Kg | | 85 | 70 - 130 | 1 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.1090 | | mg/Kg | | 109 | 70 - 130 | 6 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1987 | | mg/Kg | | 99 | 70 - 130 | 1 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.1074 | | mg/Kg | | 107 | 70 - 130 | 2 | 35 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

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

**Lab Sample ID: 880-69877-A-21-F MSD**
**Matrix: Solid**
**Analysis Batch: 135736**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 135652**

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 113 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 94 | | 70 - 130 |

**Lab Sample ID: MB 880-135743/5-A**
**Matrix: Solid**
**Analysis Batch: 135739**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135743**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:00 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:00 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:00 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:00 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:00 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:00 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 95 | | 70 - 130 | 03/24/26 09:17 | 03/24/26 11:00 | 1 |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 | 03/24/26 09:17 | 03/24/26 11:00 | 1 |

**Lab Sample ID: MB 880-135749/5-A**
**Matrix: Solid**
**Analysis Batch: 135736**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135749**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 12:20 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 12:20 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 12:20 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 12:20 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 12:20 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 12:20 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 188 | S1+ | 70 - 130 | 03/24/26 09:54 | 03/24/26 12:20 | 1 |
| 1,4-Difluorobenzene (Surr) | 94 | | 70 - 130 | 03/24/26 09:54 | 03/24/26 12:20 | 1 |

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

**Lab Sample ID: MB 880-135664/1-A**
**Matrix: Solid**
**Analysis Batch: 135825**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135664**

| 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 | | 03/23/26 12:42 | 03/24/26 16:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:42 | 03/24/26 16:44 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:42 | 03/24/26 16:44 | 1 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

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

**Lab Sample ID: MB 880-135664/1-A**
**Matrix: Solid**
**Analysis Batch: 135825**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135664**

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 100 | | 70 - 130 | 03/23/26 12:42 | 03/24/26 16:44 | 1 |
| o-Terphenyl (Surr) | 110 | | 70 - 130 | 03/23/26 12:42 | 03/24/26 16:44 | 1 |

**Lab Sample ID: LCS 880-135664/2-A**
**Matrix: Solid**
**Analysis Batch: 135825**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135664**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1220 | | mg/Kg | | 122 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1278 | | mg/Kg | | 128 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 153 | S1+ | 70 - 130 |
| o-Terphenyl (Surr) | 146 | S1+ | 70 - 130 |

**Lab Sample ID: LCSD 880-135664/3-A**
**Matrix: Solid**
**Analysis Batch: 135825**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135664**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 827.8 | *1 | mg/Kg | | 83 | 70 - 130 | 38 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 799.8 | *1 | mg/Kg | | 80 | 70 - 130 | 46 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 88 | | 70 - 130 |
| o-Terphenyl (Surr) | 81 | | 70 - 130 |

**Lab Sample ID: 880-69877-A-21-C MS**
**Matrix: Solid**
**Analysis Batch: 135825**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 135664**

| 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 *1 | 998 | 777.4 | | mg/Kg | | 78 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <50.0 | U F1 *1 | 998 | 731.1 | | mg/Kg | | 70 | 70 - 130 | | |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 111 | | 70 - 130 |
| o-Terphenyl (Surr) | 107 | | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

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

**Lab Sample ID: 880-69877-A-21-D MSD** — **Client Sample ID: Matrix Spike Duplicate**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 135825** — **Prep Batch: 135664**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U *1 | 998 | 718.7 | | mg/Kg | | 72 | 70 - 130 | 8 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U F1 *1 | 998 | 716.3 | F1 | mg/Kg | | 68 | 70 - 130 | 2 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *106* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* |

**Lab Sample ID: MB 880-135669/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 135825** — **Prep Batch: 135669**

| 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 | | 03/23/26 12:50 | 03/25/26 04:37 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 04:37 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 04:37 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *128* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 04:37* | *1* |
| *o-Terphenyl (Surr)* | *139* | *S1+* | *70 - 130* | *03/23/26 12:50* | *03/25/26 04:37* | *1* |

**Lab Sample ID: LCS 880-135669/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 135825** — **Prep Batch: 135669**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 873.4 | | mg/Kg | | 87 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 918.3 | | mg/Kg | | 92 | 70 - 130 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *100* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *95* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135669/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 135825** — **Prep Batch: 135669**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 836.0 | | mg/Kg | | 84 | 70 - 130 | 4 | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 886.8 | | mg/Kg | | 89 | 70 - 130 | 3 | 20 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

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

**Lab Sample ID: LCSD 880-135669/3-A**
**Matrix: Solid**
**Analysis Batch: 135825**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135669**

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 96 | | 70 - 130 |
| o-Terphenyl (Surr) | 90 | | 70 - 130 |

**Lab Sample ID: 880-69889-7 MS**
**Matrix: Solid**
**Analysis Batch: 135825**

**Client Sample ID: CS - 100(3.5')**
**Prep Type: Total/NA**
**Prep Batch: 135669**

| 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 | 739.6 | | mg/Kg | | 74 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U F2 | 1000 | 758.4 | | mg/Kg | | 74 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 104 | | 70 - 130 |
| o-Terphenyl (Surr) | 102 | | 70 - 130 |

**Lab Sample ID: 880-69889-7 MSD**
**Matrix: Solid**
**Analysis Batch: 135825**

**Client Sample ID: CS - 100(3.5')**
**Prep Type: Total/NA**
**Prep Batch: 135669**

| 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 | 880.5 | | mg/Kg | | 88 | 70 - 130 | 17 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U F2 | 1000 | 937.5 | F2 | mg/Kg | | 92 | 70 - 130 | 21 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 120 | | 70 - 130 |
| o-Terphenyl (Surr) | 121 | | 70 - 130 |

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-135614/1-A**
**Matrix: Solid**
**Analysis Batch: 135630**

**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 | | | 03/23/26 20:10 | 1 |

**Lab Sample ID: LCS 880-135614/2-A**
**Matrix: Solid**
**Analysis Batch: 135630**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 242.8 | | mg/Kg | | 97 | 90 - 110 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

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

**Lab Sample ID: LCSD 880-135614/3-A**
**Matrix: Solid**
**Analysis Batch: 135630**

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

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 245.1 | | mg/Kg | | 98 | 90 - 110 | 1 | 20 |

**Lab Sample ID: 880-69889-1 MS**
**Matrix: Solid**
**Analysis Batch: 135630**

**Client Sample ID: CS - 94(3.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 268 | | 252 | 504.9 | | mg/Kg | | 94 | 90 - 110 |

**Lab Sample ID: 880-69889-1 MSD**
**Matrix: Solid**
**Analysis Batch: 135630**

**Client Sample ID: CS - 94(3.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 268 | | 252 | 506.9 | | mg/Kg | | 95 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-69889-11 MS**
**Matrix: Solid**
**Analysis Batch: 135630**

**Client Sample ID: CS - 104(3.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 188 | | 251 | 425.5 | | mg/Kg | | 95 | 90 - 110 |

**Lab Sample ID: 880-69889-11 MSD**
**Matrix: Solid**
**Analysis Batch: 135630**

**Client Sample ID: CS - 104(3.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 188 | | 251 | 425.3 | | mg/Kg | | 95 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-135615/1-A**
**Matrix: Solid**
**Analysis Batch: 135649**

**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 | | | 03/23/26 15:56 | 1 |

**Lab Sample ID: LCS 880-135615/2-A**
**Matrix: Solid**
**Analysis Batch: 135649**

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

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 257.6 | | mg/Kg | | 103 | 90 - 110 |

**Lab Sample ID: LCSD 880-135615/3-A**
**Matrix: Solid**
**Analysis Batch: 135649**

**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 | 257.5 | | mg/Kg | | 103 | 90 - 110 | 0 | 20 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: 880-69889-21 MS**
**Matrix: Solid**
**Analysis Batch: 135649**

**Client Sample ID: CS - 114(3.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 223 | | 252 | 480.9 | | mg/Kg | | 103 | 90 - 110 |

**Lab Sample ID: 880-69889-21 MSD**
**Matrix: Solid**
**Analysis Batch: 135649**

**Client Sample ID: CS - 114(3.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 223 | | 252 | 484.6 | | mg/Kg | | 104 | 90 - 110 | 1 | 20 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## GC VOA

### Prep Batch: 135650

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69889-1 | CS - 94(3.5') | Total/NA | Solid | 5035 | |
| 880-69889-2 | CS - 95(3.5') | Total/NA | Solid | 5035 | |
| 880-69889-3 | CS - 96(3.5') | Total/NA | Solid | 5035 | |
| 880-69889-4 | CS - 97(3.5') | Total/NA | Solid | 5035 | |
| 880-69889-5 | CS - 98(3.5') | Total/NA | Solid | 5035 | |
| 880-69889-6 | CS - 99(3.5') | Total/NA | Solid | 5035 | |
| 880-69889-7 | CS - 100(3.5') | Total/NA | Solid | 5035 | |
| 880-69889-8 | CS - 101(3.5') | Total/NA | Solid | 5035 | |
| 880-69889-9 | CS - 102(3.5') | Total/NA | Solid | 5035 | |
| 880-69889-10 | CS - 103(3.5') | Total/NA | Solid | 5035 | |
| 880-69889-11 | CS - 104(3.5') | Total/NA | Solid | 5035 | |
| 880-69889-12 | CS - 105(3.5') | Total/NA | Solid | 5035 | |
| 880-69889-13 | CS - 106(3.5') | Total/NA | Solid | 5035 | |
| 880-69889-14 | CS - 107(3.5') | Total/NA | Solid | 5035 | |
| 880-69889-15 | CS - 108(3.5') | Total/NA | Solid | 5035 | |
| 880-69889-16 | CS - 109(3.5') | Total/NA | Solid | 5035 | |
| 880-69889-17 | CS - 110(3.5') | Total/NA | Solid | 5035 | |
| 880-69889-18 | CS - 111(3.5') | Total/NA | Solid | 5035 | |
| 880-69889-19 | CS - 112(3.5') | Total/NA | Solid | 5035 | |
| 880-69889-20 | CS - 113(3.5') | Total/NA | Solid | 5035 | |
| MB 880-135650/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-135650/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-135650/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-69889-1 MS | CS - 94(3.5') | Total/NA | Solid | 5035 | |
| 880-69889-1 MSD | CS - 94(3.5') | Total/NA | Solid | 5035 | |

### Prep Batch: 135652

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69889-21 | CS - 114(3.5') | Total/NA | Solid | 5035 | |
| 880-69889-22 | CS - 115(3.5') | Total/NA | Solid | 5035 | |
| 880-69889-23 | CS - 116(3.5') | Total/NA | Solid | 5035 | |
| MB 880-135652/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-135652/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-135652/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-69877-A-21-E MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-69877-A-21-F MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

### Analysis Batch: 135736

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69889-21 | CS - 114(3.5') | Total/NA | Solid | 8021B | 135652 |
| 880-69889-22 | CS - 115(3.5') | Total/NA | Solid | 8021B | 135652 |
| 880-69889-23 | CS - 116(3.5') | Total/NA | Solid | 8021B | 135652 |
| MB 880-135652/5-A | Method Blank | Total/NA | Solid | 8021B | 135652 |
| MB 880-135749/5-A | Method Blank | Total/NA | Solid | 8021B | 135749 |
| LCS 880-135652/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 135652 |
| LCSD 880-135652/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 135652 |
| 880-69877-A-21-E MS | Matrix Spike | Total/NA | Solid | 8021B | 135652 |
| 880-69877-A-21-F MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 135652 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## GC VOA

### Analysis Batch: 135739

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69889-1 | CS - 94(3.5') | Total/NA | Solid | 8021B | 135650 |
| 880-69889-2 | CS - 95(3.5') | Total/NA | Solid | 8021B | 135650 |
| 880-69889-3 | CS - 96(3.5') | Total/NA | Solid | 8021B | 135650 |
| 880-69889-4 | CS - 97(3.5') | Total/NA | Solid | 8021B | 135650 |
| 880-69889-5 | CS - 98(3.5') | Total/NA | Solid | 8021B | 135650 |
| 880-69889-6 | CS - 99(3.5') | Total/NA | Solid | 8021B | 135650 |
| 880-69889-7 | CS - 100(3.5') | Total/NA | Solid | 8021B | 135650 |
| 880-69889-8 | CS - 101(3.5') | Total/NA | Solid | 8021B | 135650 |
| 880-69889-9 | CS - 102(3.5') | Total/NA | Solid | 8021B | 135650 |
| 880-69889-10 | CS - 103(3.5') | Total/NA | Solid | 8021B | 135650 |
| 880-69889-11 | CS - 104(3.5') | Total/NA | Solid | 8021B | 135650 |
| 880-69889-12 | CS - 105(3.5') | Total/NA | Solid | 8021B | 135650 |
| 880-69889-13 | CS - 106(3.5') | Total/NA | Solid | 8021B | 135650 |
| 880-69889-14 | CS - 107(3.5') | Total/NA | Solid | 8021B | 135650 |
| 880-69889-15 | CS - 108(3.5') | Total/NA | Solid | 8021B | 135650 |
| 880-69889-16 | CS - 109(3.5') | Total/NA | Solid | 8021B | 135650 |
| 880-69889-17 | CS - 110(3.5') | Total/NA | Solid | 8021B | 135650 |
| 880-69889-18 | CS - 111(3.5') | Total/NA | Solid | 8021B | 135650 |
| 880-69889-19 | CS - 112(3.5') | Total/NA | Solid | 8021B | 135650 |
| 880-69889-20 | CS - 113(3.5') | Total/NA | Solid | 8021B | 135650 |
| MB 880-135650/5-A | Method Blank | Total/NA | Solid | 8021B | 135650 |
| MB 880-135743/5-A | Method Blank | Total/NA | Solid | 8021B | 135743 |
| LCS 880-135650/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 135650 |
| LCSD 880-135650/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 135650 |
| 880-69889-1 MS | CS - 94(3.5') | Total/NA | Solid | 8021B | 135650 |
| 880-69889-1 MSD | CS - 94(3.5') | Total/NA | Solid | 8021B | 135650 |

### Prep Batch: 135743

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-135743/5-A | Method Blank | Total/NA | Solid | 5035 | |

### Prep Batch: 135749

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-135749/5-A | Method Blank | Total/NA | Solid | 5035 | |

### Analysis Batch: 135914

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69889-1 | CS - 94(3.5') | Total/NA | Solid | Total BTEX | |
| 880-69889-2 | CS - 95(3.5') | Total/NA | Solid | Total BTEX | |
| 880-69889-3 | CS - 96(3.5') | Total/NA | Solid | Total BTEX | |
| 880-69889-4 | CS - 97(3.5') | Total/NA | Solid | Total BTEX | |
| 880-69889-5 | CS - 98(3.5') | Total/NA | Solid | Total BTEX | |
| 880-69889-6 | CS - 99(3.5') | Total/NA | Solid | Total BTEX | |
| 880-69889-7 | CS - 100(3.5') | Total/NA | Solid | Total BTEX | |
| 880-69889-8 | CS - 101(3.5') | Total/NA | Solid | Total BTEX | |
| 880-69889-9 | CS - 102(3.5') | Total/NA | Solid | Total BTEX | |
| 880-69889-10 | CS - 103(3.5') | Total/NA | Solid | Total BTEX | |
| 880-69889-11 | CS - 104(3.5') | Total/NA | Solid | Total BTEX | |
| 880-69889-12 | CS - 105(3.5') | Total/NA | Solid | Total BTEX | |
| 880-69889-13 | CS - 106(3.5') | Total/NA | Solid | Total BTEX | |
| 880-69889-14 | CS - 107(3.5') | Total/NA | Solid | Total BTEX | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## GC VOA (Continued)

### Analysis Batch: 135914 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69889-15 | CS - 108(3.5') | Total/NA | Solid | Total BTEX | |
| 880-69889-16 | CS - 109(3.5') | Total/NA | Solid | Total BTEX | |
| 880-69889-17 | CS - 110(3.5') | Total/NA | Solid | Total BTEX | |
| 880-69889-18 | CS - 111(3.5') | Total/NA | Solid | Total BTEX | |
| 880-69889-19 | CS - 112(3.5') | Total/NA | Solid | Total BTEX | |
| 880-69889-20 | CS - 113(3.5') | Total/NA | Solid | Total BTEX | |
| 880-69889-21 | CS - 114(3.5') | Total/NA | Solid | Total BTEX | |
| 880-69889-22 | CS - 115(3.5') | Total/NA | Solid | Total BTEX | |
| 880-69889-23 | CS - 116(3.5') | Total/NA | Solid | Total BTEX | |

## GC Semi VOA

### Prep Batch: 135664

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69889-1 | CS - 94(3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69889-2 | CS - 95(3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69889-3 | CS - 96(3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69889-4 | CS - 97(3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69889-5 | CS - 98(3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69889-6 | CS - 99(3.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-135664/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-135664/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-135664/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-69877-A-21-C MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-69877-A-21-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 135669

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69889-7 | CS - 100(3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69889-8 | CS - 101(3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69889-9 | CS - 102(3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69889-10 | CS - 103(3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69889-11 | CS - 104(3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69889-12 | CS - 105(3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69889-13 | CS - 106(3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69889-14 | CS - 107(3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69889-15 | CS - 108(3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69889-16 | CS - 109(3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69889-17 | CS - 110(3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69889-18 | CS - 111(3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69889-19 | CS - 112(3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69889-20 | CS - 113(3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69889-21 | CS - 114(3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69889-22 | CS - 115(3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69889-23 | CS - 116(3.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-135669/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-135669/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-135669/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-69889-7 MS | CS - 100(3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69889-7 MSD | CS - 100(3.5') | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## GC Semi VOA

### Analysis Batch: 135825

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69889-1 | CS - 94(3.5') | Total/NA | Solid | 8015B NM | 135664 |
| 880-69889-2 | CS - 95(3.5') | Total/NA | Solid | 8015B NM | 135664 |
| 880-69889-3 | CS - 96(3.5') | Total/NA | Solid | 8015B NM | 135664 |
| 880-69889-4 | CS - 97(3.5') | Total/NA | Solid | 8015B NM | 135664 |
| 880-69889-5 | CS - 98(3.5') | Total/NA | Solid | 8015B NM | 135664 |
| 880-69889-6 | CS - 99(3.5') | Total/NA | Solid | 8015B NM | 135664 |
| 880-69889-7 | CS - 100(3.5') | Total/NA | Solid | 8015B NM | 135669 |
| 880-69889-8 | CS - 101(3.5') | Total/NA | Solid | 8015B NM | 135669 |
| 880-69889-9 | CS - 102(3.5') | Total/NA | Solid | 8015B NM | 135669 |
| 880-69889-10 | CS - 103(3.5') | Total/NA | Solid | 8015B NM | 135669 |
| 880-69889-11 | CS - 104(3.5') | Total/NA | Solid | 8015B NM | 135669 |
| 880-69889-12 | CS - 105(3.5') | Total/NA | Solid | 8015B NM | 135669 |
| 880-69889-13 | CS - 106(3.5') | Total/NA | Solid | 8015B NM | 135669 |
| 880-69889-14 | CS - 107(3.5') | Total/NA | Solid | 8015B NM | 135669 |
| 880-69889-15 | CS - 108(3.5') | Total/NA | Solid | 8015B NM | 135669 |
| 880-69889-16 | CS - 109(3.5') | Total/NA | Solid | 8015B NM | 135669 |
| 880-69889-17 | CS - 110(3.5') | Total/NA | Solid | 8015B NM | 135669 |
| 880-69889-18 | CS - 111(3.5') | Total/NA | Solid | 8015B NM | 135669 |
| 880-69889-19 | CS - 112(3.5') | Total/NA | Solid | 8015B NM | 135669 |
| 880-69889-20 | CS - 113(3.5') | Total/NA | Solid | 8015B NM | 135669 |
| 880-69889-21 | CS - 114(3.5') | Total/NA | Solid | 8015B NM | 135669 |
| 880-69889-22 | CS - 115(3.5') | Total/NA | Solid | 8015B NM | 135669 |
| 880-69889-23 | CS - 116(3.5') | Total/NA | Solid | 8015B NM | 135669 |
| MB 880-135664/1-A | Method Blank | Total/NA | Solid | 8015B NM | 135664 |
| MB 880-135669/1-A | Method Blank | Total/NA | Solid | 8015B NM | 135669 |
| LCS 880-135664/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 135664 |
| LCS 880-135669/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 135669 |
| LCSD 880-135664/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 135664 |
| LCSD 880-135669/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 135669 |
| 880-69877-A-21-C MS | Matrix Spike | Total/NA | Solid | 8015B NM | 135664 |
| 880-69877-A-21-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 135664 |
| 880-69889-7 MS | CS - 100(3.5') | Total/NA | Solid | 8015B NM | 135669 |
| 880-69889-7 MSD | CS - 100(3.5') | Total/NA | Solid | 8015B NM | 135669 |

### Analysis Batch: 135929

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69889-1 | CS - 94(3.5') | Total/NA | Solid | 8015 NM | |
| 880-69889-2 | CS - 95(3.5') | Total/NA | Solid | 8015 NM | |
| 880-69889-3 | CS - 96(3.5') | Total/NA | Solid | 8015 NM | |
| 880-69889-4 | CS - 97(3.5') | Total/NA | Solid | 8015 NM | |
| 880-69889-5 | CS - 98(3.5') | Total/NA | Solid | 8015 NM | |
| 880-69889-6 | CS - 99(3.5') | Total/NA | Solid | 8015 NM | |
| 880-69889-7 | CS - 100(3.5') | Total/NA | Solid | 8015 NM | |
| 880-69889-8 | CS - 101(3.5') | Total/NA | Solid | 8015 NM | |
| 880-69889-9 | CS - 102(3.5') | Total/NA | Solid | 8015 NM | |
| 880-69889-10 | CS - 103(3.5') | Total/NA | Solid | 8015 NM | |
| 880-69889-11 | CS - 104(3.5') | Total/NA | Solid | 8015 NM | |
| 880-69889-12 | CS - 105(3.5') | Total/NA | Solid | 8015 NM | |
| 880-69889-13 | CS - 106(3.5') | Total/NA | Solid | 8015 NM | |
| 880-69889-14 | CS - 107(3.5') | Total/NA | Solid | 8015 NM | |
| 880-69889-15 | CS - 108(3.5') | Total/NA | Solid | 8015 NM | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## GC Semi VOA (Continued)

### Analysis Batch: 135929 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69889-16 | CS - 109(3.5') | Total/NA | Solid | 8015 NM | |
| 880-69889-17 | CS - 110(3.5') | Total/NA | Solid | 8015 NM | |
| 880-69889-18 | CS - 111(3.5') | Total/NA | Solid | 8015 NM | |
| 880-69889-19 | CS - 112(3.5') | Total/NA | Solid | 8015 NM | |
| 880-69889-20 | CS - 113(3.5') | Total/NA | Solid | 8015 NM | |
| 880-69889-21 | CS - 114(3.5') | Total/NA | Solid | 8015 NM | |
| 880-69889-22 | CS - 115(3.5') | Total/NA | Solid | 8015 NM | |
| 880-69889-23 | CS - 116(3.5') | Total/NA | Solid | 8015 NM | |

## HPLC/IC

### Leach Batch: 135614

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69889-1 | CS - 94(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-2 | CS - 95(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-3 | CS - 96(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-4 | CS - 97(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-5 | CS - 98(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-6 | CS - 99(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-7 | CS - 100(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-8 | CS - 101(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-9 | CS - 102(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-10 | CS - 103(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-11 | CS - 104(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-12 | CS - 105(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-13 | CS - 106(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-14 | CS - 107(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-15 | CS - 108(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-16 | CS - 109(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-17 | CS - 110(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-18 | CS - 111(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-19 | CS - 112(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-20 | CS - 113(3.5') | Soluble | Solid | DI Leach | |
| MB 880-135614/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-135614/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-135614/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-69889-1 MS | CS - 94(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-1 MSD | CS - 94(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-11 MS | CS - 104(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-11 MSD | CS - 104(3.5') | Soluble | Solid | DI Leach | |

### Leach Batch: 135615

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69889-21 | CS - 114(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-22 | CS - 115(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-23 | CS - 116(3.5') | Soluble | Solid | DI Leach | |
| MB 880-135615/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-135615/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-135615/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-69889-21 MS | CS - 114(3.5') | Soluble | Solid | DI Leach | |
| 880-69889-21 MSD | CS - 114(3.5') | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## HPLC/IC

### Analysis Batch: 135630

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69889-1 | CS - 94(3.5') | Soluble | Solid | 300.0 | 135614 |
| 880-69889-2 | CS - 95(3.5') | Soluble | Solid | 300.0 | 135614 |
| 880-69889-3 | CS - 96(3.5') | Soluble | Solid | 300.0 | 135614 |
| 880-69889-4 | CS - 97(3.5') | Soluble | Solid | 300.0 | 135614 |
| 880-69889-5 | CS - 98(3.5') | Soluble | Solid | 300.0 | 135614 |
| 880-69889-6 | CS - 99(3.5') | Soluble | Solid | 300.0 | 135614 |
| 880-69889-7 | CS - 100(3.5') | Soluble | Solid | 300.0 | 135614 |
| 880-69889-8 | CS - 101(3.5') | Soluble | Solid | 300.0 | 135614 |
| 880-69889-9 | CS - 102(3.5') | Soluble | Solid | 300.0 | 135614 |
| 880-69889-10 | CS - 103(3.5') | Soluble | Solid | 300.0 | 135614 |
| 880-69889-11 | CS - 104(3.5') | Soluble | Solid | 300.0 | 135614 |
| 880-69889-12 | CS - 105(3.5') | Soluble | Solid | 300.0 | 135614 |
| 880-69889-13 | CS - 106(3.5') | Soluble | Solid | 300.0 | 135614 |
| 880-69889-14 | CS - 107(3.5') | Soluble | Solid | 300.0 | 135614 |
| 880-69889-15 | CS - 108(3.5') | Soluble | Solid | 300.0 | 135614 |
| 880-69889-16 | CS - 109(3.5') | Soluble | Solid | 300.0 | 135614 |
| 880-69889-17 | CS - 110(3.5') | Soluble | Solid | 300.0 | 135614 |
| 880-69889-18 | CS - 111(3.5') | Soluble | Solid | 300.0 | 135614 |
| 880-69889-19 | CS - 112(3.5') | Soluble | Solid | 300.0 | 135614 |
| 880-69889-20 | CS - 113(3.5') | Soluble | Solid | 300.0 | 135614 |
| MB 880-135614/1-A | Method Blank | Soluble | Solid | 300.0 | 135614 |
| LCS 880-135614/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 135614 |
| LCSD 880-135614/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 135614 |
| 880-69889-1 MS | CS - 94(3.5') | Soluble | Solid | 300.0 | 135614 |
| 880-69889-1 MSD | CS - 94(3.5') | Soluble | Solid | 300.0 | 135614 |
| 880-69889-11 MS | CS - 104(3.5') | Soluble | Solid | 300.0 | 135614 |
| 880-69889-11 MSD | CS - 104(3.5') | Soluble | Solid | 300.0 | 135614 |

### Analysis Batch: 135649

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69889-21 | CS - 114(3.5') | Soluble | Solid | 300.0 | 135615 |
| 880-69889-22 | CS - 115(3.5') | Soluble | Solid | 300.0 | 135615 |
| 880-69889-23 | CS - 116(3.5') | Soluble | Solid | 300.0 | 135615 |
| MB 880-135615/1-A | Method Blank | Soluble | Solid | 300.0 | 135615 |
| LCS 880-135615/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 135615 |
| LCSD 880-135615/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 135615 |
| 880-69889-21 MS | CS - 114(3.5') | Soluble | Solid | 300.0 | 135615 |
| 880-69889-21 MSD | CS - 114(3.5') | Soluble | Solid | 300.0 | 135615 |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 94(3.5')

**Lab Sample ID: 880-69889-1**

**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

| 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 | 135650 | 03/23/26 12:32 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/24/26 22:35 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135914 | 03/24/26 22:35 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135929 | 03/25/26 01:32 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135664 | 03/23/26 12:42 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 01:32 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 135614 | 03/23/26 10:14 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135630 | 03/23/26 20:26 | SMC | EET MID |

## Client Sample ID: CS - 95(3.5')

**Lab Sample ID: 880-69889-2**

**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

| 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 | 135650 | 03/23/26 12:32 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/24/26 22:56 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135914 | 03/24/26 22:56 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135929 | 03/25/26 01:53 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135664 | 03/23/26 12:42 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 01:53 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135614 | 03/23/26 10:14 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135630 | 03/23/26 20:41 | SMC | EET MID |

## Client Sample ID: CS - 96(3.5')

**Lab Sample ID: 880-69889-3**

**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

| 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 | 135650 | 03/23/26 12:32 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/24/26 23:16 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135914 | 03/24/26 23:16 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135929 | 03/25/26 02:14 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10.00 mL | 135664 | 03/23/26 12:42 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 02:14 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135614 | 03/23/26 10:14 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135630 | 03/23/26 20:47 | SMC | EET MID |

## Client Sample ID: CS - 97(3.5')

**Lab Sample ID: 880-69889-4**

**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

| 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 | 135650 | 03/23/26 12:32 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/24/26 23:37 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135914 | 03/24/26 23:37 | SA | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 97(3.5')

**Lab Sample ID: 880-69889-4**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | | | 135929 | 03/25/26 02:34 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10.00 mL | 135664 | 03/23/26 12:42 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 02:34 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 135614 | 03/23/26 10:14 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135630 | 03/23/26 20:52 | SMC | EET MID |

## Client Sample ID: CS - 98(3.5')

**Lab Sample ID: 880-69889-5**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135650 | 03/23/26 12:32 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/24/26 23:57 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135914 | 03/24/26 23:57 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135929 | 03/25/26 02:55 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 135664 | 03/23/26 12:42 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 02:55 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 135614 | 03/23/26 10:14 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135630 | 03/23/26 20:57 | SMC | EET MID |

## Client Sample ID: CS - 99(3.5')

**Lab Sample ID: 880-69889-6**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135650 | 03/23/26 12:32 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/25/26 00:18 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135914 | 03/25/26 00:18 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135929 | 03/25/26 03:15 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 135664 | 03/23/26 12:42 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 03:15 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135614 | 03/23/26 10:14 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135630 | 03/23/26 21:13 | SMC | EET MID |

## Client Sample ID: CS - 100(3.5')

**Lab Sample ID: 880-69889-7**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135650 | 03/23/26 12:32 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/25/26 00:38 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135914 | 03/25/26 00:38 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135929 | 03/25/26 05:38 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135669 | 03/23/26 12:50 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 05:38 | FC | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 100(3.5')

**Lab Sample ID: 880-69889-7**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135614 | 03/23/26 10:14 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135630 | 03/23/26 21:18 | SMC | EET MID |

## Client Sample ID: CS - 101(3.5')

**Lab Sample ID: 880-69889-8**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135650 | 03/23/26 12:32 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/25/26 00:59 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135914 | 03/25/26 00:59 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135929 | 03/25/26 06:40 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135669 | 03/23/26 12:50 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 06:40 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135614 | 03/23/26 10:14 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135630 | 03/23/26 21:23 | SMC | EET MID |

## Client Sample ID: CS - 102(3.5')

**Lab Sample ID: 880-69889-9**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135650 | 03/23/26 12:32 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/25/26 01:19 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135914 | 03/25/26 01:19 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135929 | 03/25/26 07:01 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 135669 | 03/23/26 12:50 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 07:01 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 135614 | 03/23/26 10:14 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135630 | 03/23/26 21:28 | SMC | EET MID |

## Client Sample ID: CS - 103(3.5')

**Lab Sample ID: 880-69889-10**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135650 | 03/23/26 12:32 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/25/26 01:40 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135914 | 03/25/26 01:40 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135929 | 03/25/26 07:21 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135669 | 03/23/26 12:50 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 07:21 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 135614 | 03/23/26 10:14 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135630 | 03/23/26 21:34 | SMC | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 104(3.5')

**Lab Sample ID: 880-69889-11**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135650 | 03/23/26 12:32 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/25/26 03:13 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135914 | 03/25/26 03:13 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135929 | 03/25/26 07:41 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135669 | 03/23/26 12:50 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 07:41 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 135614 | 03/23/26 10:14 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135630 | 03/23/26 21:39 | SMC | EET MID |

## Client Sample ID: CS - 105(3.5')

**Lab Sample ID: 880-69889-12**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135650 | 03/23/26 12:32 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/25/26 03:34 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135914 | 03/25/26 03:34 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135929 | 03/25/26 08:03 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135669 | 03/23/26 12:50 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 08:03 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135614 | 03/23/26 10:14 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135630 | 03/23/26 21:55 | SMC | EET MID |

## Client Sample ID: CS - 106(3.5')

**Lab Sample ID: 880-69889-13**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135650 | 03/23/26 12:32 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/25/26 03:54 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135914 | 03/25/26 03:54 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135929 | 03/25/26 08:23 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 135669 | 03/23/26 12:50 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 08:23 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 135614 | 03/23/26 10:14 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135630 | 03/23/26 22:00 | SMC | EET MID |

## Client Sample ID: CS - 107(3.5')

**Lab Sample ID: 880-69889-14**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135650 | 03/23/26 12:32 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/25/26 04:14 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135914 | 03/25/26 04:14 | SA | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 107(3.5')

**Lab Sample ID: 880-69889-14**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | | | 135929 | 03/25/26 08:43 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10.00 mL | 135669 | 03/23/26 12:50 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 08:43 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 135614 | 03/23/26 10:14 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135630 | 03/23/26 22:16 | SMC | EET MID |

## Client Sample ID: CS - 108(3.5')

**Lab Sample ID: 880-69889-15**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135650 | 03/23/26 12:32 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/25/26 04:35 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135914 | 03/25/26 04:35 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135929 | 03/25/26 09:04 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.96 g | 10.00 mL | 135669 | 03/23/26 12:50 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 09:04 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 135614 | 03/23/26 10:14 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135630 | 03/23/26 22:21 | SMC | EET MID |

## Client Sample ID: CS - 109(3.5')

**Lab Sample ID: 880-69889-16**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135650 | 03/23/26 12:32 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/25/26 04:56 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135914 | 03/25/26 04:56 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135929 | 03/25/26 09:24 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135669 | 03/23/26 12:50 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 09:24 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 135614 | 03/23/26 10:14 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135630 | 03/23/26 22:26 | SMC | EET MID |

## Client Sample ID: CS - 110(3.5')

**Lab Sample ID: 880-69889-17**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135650 | 03/23/26 12:32 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/25/26 05:16 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135914 | 03/25/26 05:16 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135929 | 03/25/26 10:06 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 135669 | 03/23/26 12:50 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 10:06 | FC | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 110(3.5')

**Lab Sample ID: 880-69889-17**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135614 | 03/23/26 10:14 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135630 | 03/24/26 09:37 | SMC | EET MID |

## Client Sample ID: CS - 111(3.5')

**Lab Sample ID: 880-69889-18**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135650 | 03/23/26 12:32 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/25/26 05:36 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135914 | 03/25/26 05:36 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135929 | 03/25/26 10:26 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135669 | 03/23/26 12:50 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 10:26 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 135614 | 03/23/26 10:14 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135630 | 03/23/26 22:37 | SMC | EET MID |

## Client Sample ID: CS - 112(3.5')

**Lab Sample ID: 880-69889-19**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135650 | 03/23/26 12:32 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/25/26 05:57 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135914 | 03/25/26 05:57 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135929 | 03/25/26 10:46 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10.00 mL | 135669 | 03/23/26 12:50 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 10:46 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135614 | 03/23/26 10:14 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135630 | 03/23/26 22:42 | SMC | EET MID |

## Client Sample ID: CS - 113(3.5')

**Lab Sample ID: 880-69889-20**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135650 | 03/23/26 12:32 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/25/26 06:17 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135914 | 03/25/26 06:17 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135929 | 03/25/26 11:07 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135669 | 03/23/26 12:50 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 11:07 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 135614 | 03/23/26 10:14 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135630 | 03/23/26 22:47 | SMC | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

## Client Sample ID: CS - 114(3.5')

**Lab Sample ID: 880-69889-21**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135652 | 03/23/26 12:39 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135736 | 03/25/26 06:46 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135914 | 03/25/26 06:46 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135929 | 03/25/26 11:27 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135669 | 03/23/26 12:50 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 11:27 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 135615 | 03/23/26 10:16 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135649 | 03/23/26 16:32 | SMC | EET MID |

## Client Sample ID: CS - 115(3.5')

**Lab Sample ID: 880-69889-22**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135652 | 03/23/26 12:39 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135736 | 03/25/26 07:07 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135914 | 03/25/26 07:07 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135929 | 03/25/26 11:47 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135669 | 03/23/26 12:50 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 11:47 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135615 | 03/23/26 10:16 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135649 | 03/23/26 17:08 | SMC | EET MID |

## Client Sample ID: CS - 116(3.5')

**Lab Sample ID: 880-69889-23**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135652 | 03/23/26 12:39 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135736 | 03/25/26 07:27 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135914 | 03/25/26 07:27 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135929 | 03/25/26 12:08 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135669 | 03/23/26 12:50 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 12:08 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 135615 | 03/23/26 10:16 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135649 | 03/23/26 17:19 | 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: Berry 2 (02.16.2026)

Job ID: 880-69889-1
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: Berry 2 (02.16.2026)

Job ID: 880-69889-1
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: Berry 2 (02.16.2026)

Job ID: 880-69889-1
SDG: Lea County, New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 880-69889-1 | CS - 94(3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69889-2 | CS - 95(3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69889-3 | CS - 96(3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69889-4 | CS - 97(3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69889-5 | CS - 98(3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69889-6 | CS - 99(3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69889-7 | CS - 100(3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69889-8 | CS - 101(3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69889-9 | CS - 102(3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69889-10 | CS - 103(3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69889-11 | CS - 104(3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69889-12 | CS - 105(3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69889-13 | CS - 106(3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69889-14 | CS - 107(3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69889-15 | CS - 108(3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69889-16 | CS - 109(3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69889-17 | CS - 110(3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69889-18 | CS - 111(3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69889-19 | CS - 112(3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69889-20 | CS - 113(3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69889-21 | CS - 114(3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69889-22 | CS - 115(3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69889-23 | CS - 116(3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |

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# Chain of Custody

880-69889 Chain of Custody

3/25/2026



| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | |
| Project Number: | 3161 | ☐ Routine ☑ Rush | |
| Project Location | Lea County, New Mexico | Due Date: | 72 Hour |
| 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: | 3.1 |
| Total Containers: | | Corrected Temperature: | 3.2 |

**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 | Parameters: BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | HOLD | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CS-94 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-95 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-96 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-97 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-98 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-99 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-100 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-101 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-102 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-103 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 3-20-26 1537 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

Revised Date 05012020 Rev. 2020.1

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Received by OCD: 4/2/2026 2:29:46 PM

Released to Imaging: 4/15/2026 11:33:06 AM

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# Chain of Custody

Work Order No: _____

3/25/2026

Page 2 of 3

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | |
| Project Number: | 3161 | ☐ Routine | ☑ Rush |
| Project Location | Lea County, New Mexico | Due Date: | 72 Hour |
| 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: | 3.1 |
| Total Containers: | | Corrected Temperature: | 3.2 |

**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 | Parameters: BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | HOLD | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CS-104 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-105 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-106 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-107 (4.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-108 (4.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-109 (4.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-110 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-111 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-112 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-113 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 3.20.26 1537 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

Revised Date 05012020 Rev. 2020.1

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Released to Imaging: 4/15/2026 11:33:06 AM

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# Chain of Custody

**Work Order No:** _____

3/25/2026

Page 3 of 3

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | |
| Project Number: | 3161 | ☐ Routine | ☑ Rush |
| Project Location | Lea County, New Mexico | Due Date: | 72 Hour |
| 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: | 3.1 |
| Total Containers: | | Corrected Temperature: | 3.2 |

**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 300.0 | HOLD | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CS-114 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-115 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| CS-116 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 3.20.26 1537 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

Revised Date 05012020 Rev. 2020.1

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# Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-69889-1
SDG Number: Lea County, New Mexico

**Login Number: 69889**
**List Number: 1**
**Creator: Neeld, Linsey**

**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 3/25/2026 2:48:28 PM

## JOB DESCRIPTION

Berry 2 (02.16.2026)
3161

## JOB NUMBER

880-69941-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.



Released to Imaging: 4/13/2026 11:55:06 AM

my EOL

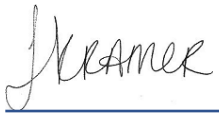
# Eurofins Midland

## 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
3/25/2026 2:48:28 PM

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

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Laboratory Job ID: 880-69941-1
SDG: 3161

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# Definitions/Glossary

Client: Carmona Resources Job ID: 880-69941-1
Project/Site: Berry 2 (02.16.2026) SDG: 3161

## 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: Berry 2 (02.16.2026)

Job ID: 880-69941-1

## Job ID: 880-69941-1 Eurofins Midland

**Job Narrative**
**880-69941-1**

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 3/23/2026 4:19 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.4°C.

**Receipt Exceptions**
The following samples were received and analyzed from an unpreserved bulk soil jar: CS-117(4.5') (880-69941-1), CS-118(4.5') (880-69941-2), CS-119(4.5') (880-69941-3), CS-120(4.5') (880-69941-4), CS-121(4.5') (880-69941-5), CS-122(4.5') (880-69941-6), CS-123(4.5') (880-69941-7), CS-124(4.5') (880-69941-8), CS-125(4.5') (880-69941-9), CS-126(4.5') (880-69941-10), CS-127(4.5') (880-69941-11), CS-128(4.5') (880-69941-12), CS-129(4.5') (880-69941-13), CS-130(4.5') (880-69941-14), CS-131(4.5') (880-69941-15), CS-132(4.5') (880-69941-16), CS-133(4.5') (880-69941-17), CS-134(4.5') (880-69941-18), CS-135(4.5') (880-69941-19), CS-136(4.5') (880-69941-20), CS-137(4.5') (880-69941-21), CS-138(4.5') (880-69941-22), CS-139(4.5') (880-69941-23), CS-140(4.5') (880-69941-24), CS-141(4.5') (880-69941-25), CS-142(4.5') (880-69941-26), CS-143(4.5') (880-69941-27), CS-144(4.5') (880-69941-28) and CS-145(4.5') (880-69941-29).

**GC VOA**
Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-126(4.5') (880-69941-10), CS-127(4.5') (880-69941-11), CS-129(4.5') (880-69941-13), CS-130(4.5') (880-69941-14) and CS-131(4.5') (880-69941-15). 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: CS-117(4.5') (880-69941-1), CS-118(4.5') (880-69941-2), CS-119(4.5') (880-69941-3), CS-120(4.5') (880-69941-4), CS-126(4.5') (880-69941-10), CS-127(4.5') (880-69941-11), CS-128(4.5') (880-69941-12), CS-129(4.5') (880-69941-13), CS-131(4.5') (880-69941-15), CS-132(4.5') (880-69941-16), CS-133(4.5') (880-69941-17), CS-135(4.5') (880-69941-19) and CS-136(4.5') (880-69941-20). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-69941-A-1-C MSD). 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-130(4.5') (880-69941-14), CS-134(4.5') (880-69941-18) and (MB 880-135730/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-69941-A-1-B 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 sample was outside control limits: (LCSD 880-135730/3-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 samples were outside control limits: CS-121(4.5') (880-69941-5) and CS-122(4.5') (880-69941-6). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS-138(4.5') (880-69941-22) and

# Case Narrative

Client: Carmona Resources
Project: Berry 2 (02.16.2026)

Job ID: 880-69941-1

## Job ID: 880-69941-1 (Continued) Eurofins Midland

CS-144(4.5') (880-69941-28). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS-139(4.5') (880-69941-23) and CS-145(4.5') (880-69941-29). Evidence of matrix interferences is not obvious.

Method 8015B NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-135731 and analytical batch 880-135821 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was 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: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-117(4.5')

**Lab Sample ID: 880-69941-1**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:22 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:22 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:22 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:22 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:22 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* | *03/24/26 09:17* | *03/24/26 11:22* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *03/24/26 09:17* | *03/24/26 11:22* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 03/24/26 11:22 | 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 | | | 03/24/26 14:48 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 14:48 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 14:48 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 14:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *102* | | *70 - 130* | *03/24/26 07:47* | *03/24/26 14:48* | *1* |
| *o-Terphenyl (Surr)* | *139* | *S1+* | *70 - 130* | *03/24/26 07:47* | *03/24/26 14:48* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **178** | | 10.1 | | mg/Kg | | | 03/24/26 09:53 | 1 |

## Client Sample ID: CS-118(4.5')

**Lab Sample ID: 880-69941-2**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:42 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:42 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:42 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:42 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:42 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *70 - 130* | *03/24/26 09:17* | *03/24/26 11:42* | *1* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* | *03/24/26 09:17* | *03/24/26 11:42* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-118(4.5')

**Lab Sample ID: 880-69941-2**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 03/24/26 11:42 | 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 | | | 03/24/26 15:33 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 15:33 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 15:33 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 15:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *113* | | *70 - 130* | *03/24/26 07:47* | *03/24/26 15:33* | *1* |
| *o-Terphenyl (Surr)* | *148* | *S1+* | *70 - 130* | *03/24/26 07:47* | *03/24/26 15:33* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **89.5** | | 10.0 | | mg/Kg | | | 03/24/26 10:09 | 1 |

## Client Sample ID: CS-119(4.5')

**Lab Sample ID: 880-69941-3**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 12:03 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 12:03 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 12:03 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 12:03 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 12:03 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 12:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *03/24/26 09:17* | *03/24/26 12:03* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/24/26 09:17* | *03/24/26 12:03* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 03/24/26 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 | <50.3 | U | 50.3 | | mg/Kg | | | 03/24/26 15:49 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 15:49 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 15:49 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-119(4.5')

**Lab Sample ID: 880-69941-3**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 15:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *104* | | *70 - 130* | *03/24/26 07:47* | *03/24/26 15:49* | *1* |
| *o-Terphenyl (Surr)* | *132* | *S1+* | *70 - 130* | *03/24/26 07:47* | *03/24/26 15:49* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **27.0** | | 10.0 | | mg/Kg | | | 03/24/26 10:14 | 1 |

## Client Sample ID: CS-120(4.5')

**Lab Sample ID: 880-69941-4**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 12:23 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 12:23 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 12:23 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 12:23 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 12:23 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 12:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *03/24/26 09:17* | *03/24/26 12:23* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/24/26 09:17* | *03/24/26 12:23* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 03/24/26 12:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 03/24/26 16:04 | 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 | <50.5 | U | 50.5 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 16:04 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 16:04 | 1 |
| Oil Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 16:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *114* | | *70 - 130* | *03/24/26 07:47* | *03/24/26 16:04* | *1* |
| *o-Terphenyl (Surr)* | *148* | *S1+* | *70 - 130* | *03/24/26 07:47* | *03/24/26 16:04* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **90.4** | | 10.0 | | mg/Kg | | | 03/24/26 10:19 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-121(4.5')

**Lab Sample ID: 880-69941-5**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 12:43 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 12:43 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 12:43 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 12:43 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 12:43 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 12:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* | *03/24/26 09:17* | *03/24/26 12:43* | *1* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* | *03/24/26 09:17* | *03/24/26 12:43* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 03/24/26 12:43 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 03/24/26 16:19 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 16:19 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 16:19 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 16:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *156* | *S1+* | *70 - 130* | *03/24/26 07:47* | *03/24/26 16:19* | *1* |
| *o-Terphenyl (Surr)* | *178* | *S1+* | *70 - 130* | *03/24/26 07:47* | *03/24/26 16:19* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <9.96 | U | 9.96 | | mg/Kg | | | 03/24/26 10:24 | 1 |

## Client Sample ID: CS-122(4.5')

**Lab Sample ID: 880-69941-6**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 13:04 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 13:04 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 13:04 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 13:04 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 13:04 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 13:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *70 - 130* | *03/24/26 09:17* | *03/24/26 13:04* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/24/26 09:17* | *03/24/26 13:04* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-122(4.5')

**Lab Sample ID: 880-69941-6**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

### 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 | | | 03/24/26 13:04 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 03/24/26 16:34 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 16:34 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 16:34 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 16:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *112* | | *70 - 130* | *03/24/26 07:47* | *03/24/26 16:34* | *1* |
| *o-Terphenyl (Surr)* | *144* | *S1+* | *70 - 130* | *03/24/26 07:47* | *03/24/26 16:34* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **20.1** | | 9.90 | | mg/Kg | | | 03/24/26 10:40 | 1 |

## Client Sample ID: CS-123(4.5')

**Lab Sample ID: 880-69941-7**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 13:24 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 13:24 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 13:24 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 13:24 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 13:24 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 13:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *70 - 130* | *03/24/26 09:17* | *03/24/26 13:24* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/24/26 09:17* | *03/24/26 13:24* | *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 | | | 03/24/26 13:24 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/24/26 16:49 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 16:49 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 16:49 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-123(4.5')

**Lab Sample ID: 880-69941-7**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 16:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *116* | | *70 - 130* | *03/24/26 07:47* | *03/24/26 16:49* | *1* |
| *o-Terphenyl (Surr)* | *124* | | *70 - 130* | *03/24/26 07:47* | *03/24/26 16:49* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **25.1** | | 9.92 | | mg/Kg | | | 03/24/26 10:45 | 1 |

## Client Sample ID: CS-124(4.5')

**Lab Sample ID: 880-69941-8**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 13:45 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 13:45 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 13:45 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 13:45 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 13:45 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 13:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *03/24/26 09:17* | *03/24/26 13:45* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *03/24/26 09:17* | *03/24/26 13:45* | *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 | | | 03/24/26 13:45 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 03/24/26 17:04 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 17:04 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 17:04 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 17:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *105* | | *70 - 130* | *03/24/26 07:47* | *03/24/26 17:04* | *1* |
| *o-Terphenyl (Surr)* | *116* | | *70 - 130* | *03/24/26 07:47* | *03/24/26 17:04* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **126** | | 9.98 | | mg/Kg | | | 03/24/26 10:51 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-125(4.5')

**Lab Sample ID: 880-69941-9**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 14:05 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 14:05 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 14:05 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 14:05 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 14:05 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 14:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *70 - 130* | *03/24/26 09:17* | *03/24/26 14:05* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *03/24/26 09:17* | *03/24/26 14:05* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 03/24/26 14:05 | 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 | | | 03/24/26 17:19 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 17:19 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 17:19 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 17:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *96* | | *70 - 130* | *03/24/26 07:47* | *03/24/26 17:19* | *1* |
| *o-Terphenyl (Surr)* | *116* | | *70 - 130* | *03/24/26 07:47* | *03/24/26 17:19* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **69.7** | | 9.96 | | mg/Kg | | | 03/24/26 10:56 | 1 |

## Client Sample ID: CS-126(4.5')

**Lab Sample ID: 880-69941-10**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 11:14 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 11:14 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 11:14 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 11:14 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 11:14 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 11:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *138* | *S1+* | *70 - 130* | *03/24/26 09:20* | *03/24/26 11:14* | *1* |
| *1,4-Difluorobenzene (Surr)* | *107* | | *70 - 130* | *03/24/26 09:20* | *03/24/26 11:14* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-126(4.5')

**Lab Sample ID: 880-69941-10**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

### 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 | | | 03/24/26 11:14 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 03/24/26 17:35 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 17:35 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 17:35 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 17:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *122* | | *70 - 130* | *03/24/26 07:47* | *03/24/26 17:35* | *1* |
| *o-Terphenyl (Surr)* | *149* | *S1+* | *70 - 130* | *03/24/26 07:47* | *03/24/26 17:35* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **13.4** | | 10.0 | | mg/Kg | | | 03/24/26 11:01 | 1 |

## Client Sample ID: CS-127(4.5')

**Lab Sample ID: 880-69941-11**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 11:35 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 11:35 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 11:35 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 11:35 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 11:35 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 11:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *137* | *S1+* | *70 - 130* | *03/24/26 09:20* | *03/24/26 11:35* | *1* |
| *1,4-Difluorobenzene (Surr)* | *112* | | *70 - 130* | *03/24/26 09:20* | *03/24/26 11:35* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 03/24/26 11:35 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 03/24/26 18:05 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 18:05 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 18:05 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-127(4.5')

**Lab Sample ID: 880-69941-11**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 18:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *117* | | *70 - 130* | *03/24/26 07:47* | *03/24/26 18:05* | *1* |
| *o-Terphenyl (Surr)* | *150* | *S1+* | *70 - 130* | *03/24/26 07:47* | *03/24/26 18:05* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **57.2** | | 10.0 | | mg/Kg | | | 03/24/26 11:06 | 1 |

## Client Sample ID: CS-128(4.5')

**Lab Sample ID: 880-69941-12**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 11:56 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 11:56 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 11:56 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 11:56 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 11:56 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 11:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *128* | | *70 - 130* | *03/24/26 09:20* | *03/24/26 11:56* | *1* |
| *1,4-Difluorobenzene (Surr)* | *108* | | *70 - 130* | *03/24/26 09:20* | *03/24/26 11:56* | *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 | | | 03/24/26 11:56 | 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 | | | 03/24/26 18:20 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 18:20 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 18:20 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 18:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *112* | | *70 - 130* | *03/24/26 07:47* | *03/24/26 18:20* | *1* |
| *o-Terphenyl (Surr)* | *144* | *S1+* | *70 - 130* | *03/24/26 07:47* | *03/24/26 18:20* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **26.7** | | 9.92 | | mg/Kg | | | 03/24/26 11:22 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-129(4.5')

**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

**Lab Sample ID: 880-69941-13**
**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 | | 03/24/26 09:20 | 03/24/26 12:16 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 12:16 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 12:16 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 12:16 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 12:16 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 12:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *142* | *S1+* | *70 - 130* | *03/24/26 09:20* | *03/24/26 12:16* | *1* |
| *1,4-Difluorobenzene (Surr)* | *109* | | *70 - 130* | *03/24/26 09:20* | *03/24/26 12:16* | *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 | | | 03/24/26 12:16 | 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 | | | 03/24/26 18:35 | 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 | <49.8 | U | 49.8 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 18:35 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 18:35 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 18:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *110* | | *70 - 130* | *03/24/26 07:47* | *03/24/26 18:35* | *1* |
| *o-Terphenyl (Surr)* | *137* | *S1+* | *70 - 130* | *03/24/26 07:47* | *03/24/26 18:35* | *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 | | | 03/24/26 11:27 | 1 |

## Client Sample ID: CS-130(4.5')

**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

**Lab Sample ID: 880-69941-14**
**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 | | 03/24/26 09:20 | 03/24/26 12:37 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 12:37 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 12:37 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 12:37 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 12:37 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 12:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *136* | *S1+* | *70 - 130* | *03/24/26 09:20* | *03/24/26 12:37* | *1* |
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *03/24/26 09:20* | *03/24/26 12:37* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-130(4.5')

**Lab Sample ID: 880-69941-14**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

### 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 | | | 03/24/26 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 | <49.9 | U | 49.9 | | mg/Kg | | | 03/24/26 18:50 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 18:50 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 18:50 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 18:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *131* | *S1+* | *70 - 130* | *03/24/26 07:47* | *03/24/26 18:50* | *1* |
| *o-Terphenyl (Surr)* | *155* | *S1+* | *70 - 130* | *03/24/26 07:47* | *03/24/26 18:50* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **15.7** | | 9.94 | | mg/Kg | | | 03/24/26 11:43 | 1 |

## Client Sample ID: CS-131(4.5')

**Lab Sample ID: 880-69941-15**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 12:57 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 12:57 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 12:57 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 12:57 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 12:57 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 12:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *133* | *S1+* | *70 - 130* | *03/24/26 09:20* | *03/24/26 12:57* | *1* |
| *1,4-Difluorobenzene (Surr)* | *105* | | *70 - 130* | *03/24/26 09:20* | *03/24/26 12:57* | *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 | | | 03/24/26 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 | <49.5 | U | 49.5 | | mg/Kg | | | 03/24/26 19:05 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.5 | U | 49.5 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 19:05 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.5 | U | 49.5 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 19:05 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-131(4.5')

**Lab Sample ID: 880-69941-15**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <49.5 | U | 49.5 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 19:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *126* | | *70 - 130* | *03/24/26 07:47* | *03/24/26 19:05* | *1* |
| *o-Terphenyl (Surr)* | *149* | *S1+* | *70 - 130* | *03/24/26 07:47* | *03/24/26 19:05* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **24.6** | | 9.92 | | mg/Kg | | | 03/24/26 11:48 | 1 |

## Client Sample ID: CS-132(4.5')

**Lab Sample ID: 880-69941-16**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 13:18 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 13:18 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 13:18 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 13:18 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 13:18 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 13:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *128* | | *70 - 130* | *03/24/26 09:20* | *03/24/26 13:18* | *1* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* | *03/24/26 09:20* | *03/24/26 13:18* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 03/24/26 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 | | | 03/24/26 19:21 | 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 | <49.9 | U | 49.9 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 19:21 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 19:21 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 19:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *121* | | *70 - 130* | *03/24/26 07:47* | *03/24/26 19:21* | *1* |
| *o-Terphenyl (Surr)* | *152* | *S1+* | *70 - 130* | *03/24/26 07:47* | *03/24/26 19:21* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **46.5** | | 10.0 | | mg/Kg | | | 03/24/26 11:54 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-133(4.5')

**Lab Sample ID: 880-69941-17**
**Date Collected: 03/23/26 00:00**
**Matrix: Solid**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 13:38 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 13:38 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 13:38 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 13:38 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 13:38 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 13:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *129* | | *70 - 130* | *03/24/26 09:20* | *03/24/26 13:38* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *03/24/26 09:20* | *03/24/26 13:38* | *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 | | | 03/24/26 13:38 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/24/26 19:36 | 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 | | 03/24/26 07:47 | 03/24/26 19:36 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 19:36 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 19:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *114* | | *70 - 130* | *03/24/26 07:47* | *03/24/26 19:36* | *1* |
| *o-Terphenyl (Surr)* | *139* | *S1+* | *70 - 130* | *03/24/26 07:47* | *03/24/26 19:36* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **129** | | 9.92 | | mg/Kg | | | 03/24/26 11:59 | 1 |

## Client Sample ID: CS-134(4.5')

**Lab Sample ID: 880-69941-18**
**Date Collected: 03/23/26 00:00**
**Matrix: Solid**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 12:09 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 12:09 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 12:09 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 12:09 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 12:09 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 12:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *112* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 12:09* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 12:09* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-134(4.5')

**Lab Sample ID: 880-69941-18**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

### 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 | | | 03/24/26 12:09 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 03/24/26 19:51 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 19:51 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 19:51 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 19:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *133* | *S1+* | *70 - 130* | *03/24/26 07:47* | *03/24/26 19:51* | *1* |
| *o-Terphenyl (Surr)* | *165* | *S1+* | *70 - 130* | *03/24/26 07:47* | *03/24/26 19:51* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **61.4** | | 9.98 | | mg/Kg | | | 03/24/26 12:04 | 1 |

## Client Sample ID: CS-135(4.5')

**Lab Sample ID: 880-69941-19**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 12:30 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 12:30 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 12:30 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 12:30 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 12:30 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 12:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 12:30* | *1* |
| *1,4-Difluorobenzene (Surr)* | *106* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 12:30* | *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 | | | 03/24/26 12:30 | 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 | | | 03/24/26 20:06 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 20:06 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 20:06 | 1 |

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# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-135(4.5')

**Lab Sample ID: 880-69941-19**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 20:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *130* | | *70 - 130* | *03/24/26 07:47* | *03/24/26 20:06* | *1* |
| *o-Terphenyl (Surr)* | *158* | *S1+* | *70 - 130* | *03/24/26 07:47* | *03/24/26 20:06* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **265** | | 9.94 | | mg/Kg | | | 03/24/26 12:09 | 1 |

## Client Sample ID: CS-136(4.5')

**Lab Sample ID: 880-69941-20**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 12:50 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 12:50 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 12:50 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 12:50 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 12:50 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 12:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *109* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 12:50* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 12:50* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 03/24/26 12:50 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 03/24/26 20:21 | 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 | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 20:21 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 20:21 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 20:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *122* | | *70 - 130* | *03/24/26 07:47* | *03/24/26 20:21* | *1* |
| *o-Terphenyl (Surr)* | *144* | *S1+* | *70 - 130* | *03/24/26 07:47* | *03/24/26 20:21* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **29.7** | | 9.96 | | mg/Kg | | | 03/24/26 12:15 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-137(4.5')

**Lab Sample ID: 880-69941-21**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 13:11 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 13:11 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 13:11 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 13:11 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 13:11 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 13:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *114* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 13:11* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 13:11* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 03/24/26 13:11 | 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 | | | 03/24/26 20:04 | 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 | | 03/24/26 07:49 | 03/24/26 20:04 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U F1 | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 20:04 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 20:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *106* | | *70 - 130* | *03/24/26 07:49* | *03/24/26 20:04* | *1* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* | *03/24/26 07:49* | *03/24/26 20:04* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **14.3** | | 9.96 | | mg/Kg | | | 03/24/26 10:14 | 1 |

## Client Sample ID: CS-138(4.5')

**Lab Sample ID: 880-69941-22**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 13:31 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 13:31 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 13:31 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 13:31 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 13:31 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 13:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *109* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 13:31* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 13:31* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-138(4.5')

**Lab Sample ID: 880-69941-22**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

### 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 | | | 03/24/26 13:31 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/24/26 21:03 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 21:03 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 21:03 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 21:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *139* | *S1+* | *70 - 130* | *03/24/26 07:49* | *03/24/26 21:03* | *1* |
| *o-Terphenyl (Surr)* | *141* | *S1+* | *70 - 130* | *03/24/26 07:49* | *03/24/26 21:03* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **16.8** | | 9.92 | | mg/Kg | | | 03/24/26 10:34 | 1 |

## Client Sample ID: CS-139(4.5')

**Lab Sample ID: 880-69941-23**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 13:52 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 13:52 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 13:52 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 13:52 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 13:52 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 13:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *116* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 13:52* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 13:52* | *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 | | | 03/24/26 13:52 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 03/24/26 21:24 | 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 | <50.3 | U | 50.3 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 21:24 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 21:24 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-139(4.5')

**Lab Sample ID: 880-69941-23**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 21:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *131* | *S1+* | *70 - 130* | *03/24/26 07:49* | *03/24/26 21:24* | *1* |
| *o-Terphenyl (Surr)* | *127* | | *70 - 130* | *03/24/26 07:49* | *03/24/26 21:24* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **97.9** | | 9.96 | | mg/Kg | | | 03/24/26 10:40 | 1 |

## Client Sample ID: CS-140(4.5')

**Lab Sample ID: 880-69941-24**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 14:12 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 14:12 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 14:12 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 14:12 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 14:12 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 14:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 14:12* | *1* |
| *1,4-Difluorobenzene (Surr)* | *84* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 14:12* | *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 | | | 03/24/26 14:12 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 03/24/26 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 | <50.4 | U | 50.4 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 21:43 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 21:43 | 1 |
| Oil Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 21:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *111* | | *70 - 130* | *03/24/26 07:49* | *03/24/26 21:43* | *1* |
| *o-Terphenyl (Surr)* | *115* | | *70 - 130* | *03/24/26 07:49* | *03/24/26 21:43* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <9.94 | U | 9.94 | | mg/Kg | | | 03/24/26 10:47 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-141(4.5')

**Lab Sample ID: 880-69941-25**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:27 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:27 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:27 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:27 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:27 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *70 - 130* | *03/24/26 09:29* | *03/24/26 11:27* | *1* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* | *03/24/26 09:29* | *03/24/26 11:27* | *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 | | | 03/24/26 11:27 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 03/24/26 22:04 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 22:04 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 22:04 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 22:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *122* | | *70 - 130* | *03/24/26 07:49* | *03/24/26 22:04* | *1* |
| *o-Terphenyl (Surr)* | *121* | | *70 - 130* | *03/24/26 07:49* | *03/24/26 22:04* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <9.92 | U | 9.92 | | mg/Kg | | | 03/24/26 10:53 | 1 |

## Client Sample ID: CS-142(4.5')

**Lab Sample ID: 880-69941-26**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:48 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:48 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:48 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:48 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:48 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *03/24/26 09:29* | *03/24/26 11:48* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *03/24/26 09:29* | *03/24/26 11:48* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-142(4.5')

**Lab Sample ID: 880-69941-26**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 03/24/26 11:48 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 03/24/26 22:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 22:23 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 22:23 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 22:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *105* | | *70 - 130* | *03/24/26 07:49* | *03/24/26 22:23* | *1* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* | *03/24/26 07:49* | *03/24/26 22:23* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **258** | | 9.96 | | mg/Kg | | | 03/24/26 11:13 | 1 |

## Client Sample ID: CS-143(4.5')

**Lab Sample ID: 880-69941-27**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 12:08 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 12:08 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 12:08 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 12:08 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 12:08 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 12:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *70 - 130* | *03/24/26 09:29* | *03/24/26 12:08* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/24/26 09:29* | *03/24/26 12:08* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 03/24/26 12:08 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/24/26 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 | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 22:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 22:44 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-143(4.5')

**Lab Sample ID: 880-69941-27**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 22:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *126* | | *70 - 130* | *03/24/26 07:49* | *03/24/26 22:44* | *1* |
| *o-Terphenyl (Surr)* | *117* | | *70 - 130* | *03/24/26 07:49* | *03/24/26 22:44* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **15.3** | | 10.0 | | mg/Kg | | | 03/24/26 11:20 | 1 |

## Client Sample ID: CS-144(4.5')

**Lab Sample ID: 880-69941-28**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 12:29 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 12:29 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 12:29 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 12:29 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 12:29 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 12:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* | *03/24/26 09:29* | *03/24/26 12:29* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/24/26 09:29* | *03/24/26 12:29* | *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 | | | 03/24/26 12:29 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/24/26 23:03 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 23:03 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 23:03 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 23:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *132* | *S1+* | *70 - 130* | *03/24/26 07:49* | *03/24/26 23:03* | *1* |
| *o-Terphenyl (Surr)* | *133* | *S1+* | *70 - 130* | *03/24/26 07:49* | *03/24/26 23:03* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **149** | | 10.0 | | mg/Kg | | | 03/24/26 11:27 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-145(4.5')

**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

## Lab Sample ID: 880-69941-29

**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 | | 03/24/26 09:29 | 03/24/26 12:50 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 12:50 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 12:50 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 12:50 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 12:50 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 12:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *70 - 130* | *03/24/26 09:29* | *03/24/26 12:50* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/24/26 09:29* | *03/24/26 12:50* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 03/24/26 12:50 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 03/24/26 23:23 | 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 | | 03/24/26 07:49 | 03/24/26 23:23 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 23:23 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 23:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *136* | *S1+* | *70 - 130* | *03/24/26 07:49* | *03/24/26 23:23* | *1* |
| *o-Terphenyl (Surr)* | *127* | | *70 - 130* | *03/24/26 07:49* | *03/24/26 23:23* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **24.6** | | 9.96 | | mg/Kg | | | 03/24/26 11:33 | 1 |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## 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) | | | | | | | | | | |
| 880-69941-1 | CS-117(4.5') | 102 | 100 | | | | | | | | | | |
| 880-69941-1 MS | CS-117(4.5') | 96 | 107 | | | | | | | | | | |
| 880-69941-1 MSD | CS-117(4.5') | 98 | 103 | | | | | | | | | | |
| 880-69941-2 | CS-118(4.5') | 99 | 102 | | | | | | | | | | |
| 880-69941-3 | CS-119(4.5') | 96 | 103 | | | | | | | | | | |
| 880-69941-4 | CS-120(4.5') | 96 | 101 | | | | | | | | | | |
| 880-69941-5 | CS-121(4.5') | 95 | 102 | | | | | | | | | | |
| 880-69941-6 | CS-122(4.5') | 94 | 101 | | | | | | | | | | |
| 880-69941-7 | CS-123(4.5') | 92 | 101 | | | | | | | | | | |
| 880-69941-8 | CS-124(4.5') | 97 | 100 | | | | | | | | | | |
| 880-69941-9 | CS-125(4.5') | 94 | 100 | | | | | | | | | | |
| 880-69941-10 | CS-126(4.5') | 138 S1+ | 107 | | | | | | | | | | |
| 880-69941-10 MS | CS-126(4.5') | 126 | 94 | | | | | | | | | | |
| 880-69941-10 MSD | CS-126(4.5') | 117 | 97 | | | | | | | | | | |
| 880-69941-11 | CS-127(4.5') | 137 S1+ | 112 | | | | | | | | | | |
| 880-69941-12 | CS-128(4.5') | 128 | 108 | | | | | | | | | | |
| 880-69941-13 | CS-129(4.5') | 142 S1+ | 109 | | | | | | | | | | |
| 880-69941-14 | CS-130(4.5') | 136 S1+ | 111 | | | | | | | | | | |
| 880-69941-15 | CS-131(4.5') | 133 S1+ | 105 | | | | | | | | | | |
| 880-69941-16 | CS-132(4.5') | 128 | 104 | | | | | | | | | | |
| 880-69941-17 | CS-133(4.5') | 129 | 110 | | | | | | | | | | |
| 880-69941-18 | CS-134(4.5') | 112 | 100 | | | | | | | | | | |
| 880-69941-18 MS | CS-134(4.5') | 109 | 102 | | | | | | | | | | |
| 880-69941-18 MSD | CS-134(4.5') | 103 | 98 | | | | | | | | | | |
| 880-69941-19 | CS-135(4.5') | 101 | 106 | | | | | | | | | | |
| 880-69941-20 | CS-136(4.5') | 109 | 99 | | | | | | | | | | |
| 880-69941-21 | CS-137(4.5') | 114 | 99 | | | | | | | | | | |
| 880-69941-22 | CS-138(4.5') | 109 | 100 | | | | | | | | | | |
| 880-69941-23 | CS-139(4.5') | 116 | 99 | | | | | | | | | | |
| 880-69941-24 | CS-140(4.5') | 103 | 84 | | | | | | | | | | |
| 880-69941-25 | CS-141(4.5') | 104 | 94 | | | | | | | | | | |
| 880-69941-25 MS | CS-141(4.5') | 101 | 94 | | | | | | | | | | |
| 880-69941-25 MSD | CS-141(4.5') | 103 | 98 | | | | | | | | | | |
| 880-69941-26 | CS-142(4.5') | 97 | 97 | | | | | | | | | | |
| 880-69941-27 | CS-143(4.5') | 99 | 101 | | | | | | | | | | |
| 880-69941-28 | CS-144(4.5') | 102 | 103 | | | | | | | | | | |
| 880-69941-29 | CS-145(4.5') | 101 | 101 | | | | | | | | | | |
| LCS 880-135680/1-A | Lab Control Sample | 95 | 91 | | | | | | | | | | |
| LCS 880-135743/1-A | Lab Control Sample | 96 | 103 | | | | | | | | | | |
| LCS 880-135744/1-A | Lab Control Sample | 129 | 99 | | | | | | | | | | |
| LCS 880-135745/1-A | Lab Control Sample | 100 | 94 | | | | | | | | | | |
| LCSD 880-135680/2-A | Lab Control Sample Dup | 111 | 99 | | | | | | | | | | |
| LCSD 880-135743/2-A | Lab Control Sample Dup | 96 | 101 | | | | | | | | | | |
| LCSD 880-135744/2-A | Lab Control Sample Dup | 123 | 96 | | | | | | | | | | |
| LCSD 880-135745/2-A | Lab Control Sample Dup | 99 | 100 | | | | | | | | | | |
| MB 880-135680/5-A | Method Blank | 106 | 95 | | | | | | | | | | |
| MB 880-135743/5-A | Method Blank | 95 | 96 | | | | | | | | | | |
| MB 880-135744/5-A | Method Blank | 119 | 96 | | | | | | | | | | |
| MB 880-135745/5-A | Method Blank | 102 | 103 | | | | | | | | | | |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

**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) | | | | | | | | | | |
| 880-69941-1 | CS-117(4.5') | 102 | 139 S1+ | | | | | | | | | | |
| 880-69941-1 MS | CS-117(4.5') | 139 S1+ | 132 S1+ | | | | | | | | | | |
| 880-69941-1 MSD | CS-117(4.5') | 105 | 136 S1+ | | | | | | | | | | |
| 880-69941-2 | CS-118(4.5') | 113 | 148 S1+ | | | | | | | | | | |
| 880-69941-3 | CS-119(4.5') | 104 | 132 S1+ | | | | | | | | | | |
| 880-69941-4 | CS-120(4.5') | 114 | 148 S1+ | | | | | | | | | | |
| 880-69941-5 | CS-121(4.5') | 156 S1+ | 178 S1+ | | | | | | | | | | |
| 880-69941-6 | CS-122(4.5') | 112 | 144 S1+ | | | | | | | | | | |
| 880-69941-7 | CS-123(4.5') | 116 | 124 | | | | | | | | | | |
| 880-69941-8 | CS-124(4.5') | 105 | 116 | | | | | | | | | | |
| 880-69941-9 | CS-125(4.5') | 96 | 116 | | | | | | | | | | |
| 880-69941-10 | CS-126(4.5') | 122 | 149 S1+ | | | | | | | | | | |
| 880-69941-11 | CS-127(4.5') | 117 | 150 S1+ | | | | | | | | | | |
| 880-69941-12 | CS-128(4.5') | 112 | 144 S1+ | | | | | | | | | | |
| 880-69941-13 | CS-129(4.5') | 110 | 137 S1+ | | | | | | | | | | |
| 880-69941-14 | CS-130(4.5') | 131 S1+ | 155 S1+ | | | | | | | | | | |
| 880-69941-15 | CS-131(4.5') | 126 | 149 S1+ | | | | | | | | | | |
| 880-69941-16 | CS-132(4.5') | 121 | 152 S1+ | | | | | | | | | | |
| 880-69941-17 | CS-133(4.5') | 114 | 139 S1+ | | | | | | | | | | |
| 880-69941-18 | CS-134(4.5') | 133 S1+ | 165 S1+ | | | | | | | | | | |
| 880-69941-19 | CS-135(4.5') | 130 | 158 S1+ | | | | | | | | | | |
| 880-69941-20 | CS-136(4.5') | 122 | 144 S1+ | | | | | | | | | | |
| 880-69941-21 | CS-137(4.5') | 106 | 107 | | | | | | | | | | |
| 880-69941-21 MS | CS-137(4.5') | 124 | 110 | | | | | | | | | | |
| 880-69941-21 MSD | CS-137(4.5') | 106 | 92 | | | | | | | | | | |
| 880-69941-22 | CS-138(4.5') | 139 S1+ | 141 S1+ | | | | | | | | | | |
| 880-69941-23 | CS-139(4.5') | 131 S1+ | 127 | | | | | | | | | | |
| 880-69941-24 | CS-140(4.5') | 111 | 115 | | | | | | | | | | |
| 880-69941-25 | CS-141(4.5') | 122 | 121 | | | | | | | | | | |
| 880-69941-26 | CS-142(4.5') | 105 | 104 | | | | | | | | | | |
| 880-69941-27 | CS-143(4.5') | 126 | 117 | | | | | | | | | | |
| 880-69941-28 | CS-144(4.5') | 132 S1+ | 133 S1+ | | | | | | | | | | |
| 880-69941-29 | CS-145(4.5') | 136 S1+ | 127 | | | | | | | | | | |
| LCS 880-135730/2-A | Lab Control Sample | 98 | 128 | | | | | | | | | | |
| LCS 880-135731/2-A | Lab Control Sample | 101 | 94 | | | | | | | | | | |
| LCSD 880-135731/3-A | Lab Control Sample Dup | 98 | 87 | | | | | | | | | | |
| MB 880-135730/1-A | Method Blank | 218 S1+ | 299 S1+ | | | | | | | | | | |
| MB 880-135731/1-A | Method Blank | 91 | 88 | | | | | | | | | | |

**Surrogate Legend**

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

# Surrogate Summary

Client: Carmona Resources Job ID: 880-69941-1
Project/Site: Berry 2 (02.16.2026) SDG: 3161

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1CO1 | OTPH1 | | | | | | |
| **Lab Sample ID** | **Client Sample ID** | | | | | | | | |
| LCSD 880-135730/3-A | Lab Control Sample Dup | | | | | | | | |

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

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

**Lab Sample ID: MB 880-135680/5-A**
**Matrix: Solid**
**Analysis Batch: 135740**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135680**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 11:48 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 11:48 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 11:48 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 11:48 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 11:48 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 11:48 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *106* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 11:48* | *1* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 11:48* | *1* |

**Lab Sample ID: LCS 880-135680/1-A**
**Matrix: Solid**
**Analysis Batch: 135740**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135680**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.09695 | | mg/Kg | | 97 | 70 - 130 |
| Toluene | 0.100 | 0.08536 | | mg/Kg | | 85 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.09304 | | mg/Kg | | 93 | 70 - 130 |
| m,p-Xylenes | 0.200 | 0.1951 | | mg/Kg | | 98 | 70 - 130 |
| o-Xylene | 0.100 | 0.09710 | | mg/Kg | | 97 | 70 - 130 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *91* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135680/2-A**
**Matrix: Solid**
**Analysis Batch: 135740**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135680**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.1093 | | mg/Kg | | 109 | 70 - 130 | 12 | 35 |
| Toluene | 0.100 | 0.09857 | | mg/Kg | | 99 | 70 - 130 | 14 | 35 |
| Ethylbenzene | 0.100 | 0.1078 | | mg/Kg | | 108 | 70 - 130 | 15 | 35 |
| m,p-Xylenes | 0.200 | 0.2281 | | mg/Kg | | 114 | 70 - 130 | 16 | 35 |
| o-Xylene | 0.100 | 0.1137 | | mg/Kg | | 114 | 70 - 130 | 16 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *111* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* |

**Lab Sample ID: 880-69941-18 MS**
**Matrix: Solid**
**Analysis Batch: 135740**

**Client Sample ID: CS-134(4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135680**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.08740 | | mg/Kg | | 87 | 70 - 130 |
| Toluene | <0.00200 | U | 0.100 | 0.08065 | | mg/Kg | | 81 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

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

**Lab Sample ID: 880-69941-18 MS**
**Matrix: Solid**
**Analysis Batch: 135740**

**Client Sample ID: CS-134(4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135680**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | <0.00200 | U | 0.100 | 0.08836 | | mg/Kg | | 88 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1877 | | mg/Kg | | 94 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.100 | 0.09490 | | mg/Kg | | 95 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *109* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* |

**Lab Sample ID: 880-69941-18 MSD**
**Matrix: Solid**
**Analysis Batch: 135740**

**Client Sample ID: CS-134(4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135680**

| 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 | 0.09340 | | mg/Kg | | 93 | 70 - 130 | 7 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.08392 | | mg/Kg | | 84 | 70 - 130 | 4 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.09085 | | mg/Kg | | 91 | 70 - 130 | 3 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1911 | | mg/Kg | | 96 | 70 - 130 | 2 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.09588 | | mg/Kg | | 96 | 70 - 130 | 1 | 35 |

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

**Lab Sample ID: MB 880-135743/5-A**
**Matrix: Solid**
**Analysis Batch: 135739**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135743**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:00 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:00 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:00 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:00 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:00 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/24/26 09:17 | 03/24/26 11:00 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* | *03/24/26 09:17* | *03/24/26 11:00* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *03/24/26 09:17* | *03/24/26 11:00* | *1* |

**Lab Sample ID: LCS 880-135743/1-A**
**Matrix: Solid**
**Analysis Batch: 135739**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135743**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.09027 | | mg/Kg | | 90 | 70 - 130 |
| Toluene | 0.100 | 0.09869 | | mg/Kg | | 99 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.09377 | | mg/Kg | | 94 | 70 - 130 |
| m,p-Xylenes | 0.200 | 0.1905 | | mg/Kg | | 95 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

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

**Lab Sample ID: LCS 880-135743/1-A**
**Matrix: Solid**
**Analysis Batch: 135739**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135743**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| o-Xylene | | | 0.100 | 0.09198 | | mg/Kg | | 92 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135743/2-A**
**Matrix: Solid**
**Analysis Batch: 135739**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135743**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1028 | | mg/Kg | | 103 | 70 - 130 | 13 | 35 |
| Toluene | | | 0.100 | 0.1129 | | mg/Kg | | 113 | 70 - 130 | 13 | 35 |
| Ethylbenzene | | | 0.100 | 0.1090 | | mg/Kg | | 109 | 70 - 130 | 15 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2233 | | mg/Kg | | 112 | 70 - 130 | 16 | 35 |
| o-Xylene | | | 0.100 | 0.1046 | | mg/Kg | | 105 | 70 - 130 | 13 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* |

**Lab Sample ID: 880-69941-1 MS**
**Matrix: Solid**
**Analysis Batch: 135739**

**Client Sample ID: CS-117(4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135743**

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *107* | | *70 - 130* |

**Lab Sample ID: 880-69941-1 MSD**
**Matrix: Solid**
**Analysis Batch: 135739**

**Client Sample ID: CS-117(4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135743**

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

**Lab Sample ID: MB 880-135744/5-A**
**Matrix: Solid**
**Analysis Batch: 135738**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135744**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 10:53 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 10:53 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 10:53 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 10:53 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 10:53 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/24/26 09:20 | 03/24/26 10:53 | 1 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

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

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 119 | | 70 - 130 | 03/24/26 09:20 | 03/24/26 10:53 | 1 |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 | 03/24/26 09:20 | 03/24/26 10:53 | 1 |

**Lab Sample ID: LCS 880-135744/1-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 135738** — **Prep Batch: 135744**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.1030 | | mg/Kg | | 103 | 70 - 130 |
| Toluene | 0.100 | 0.09838 | | mg/Kg | | 98 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.09767 | | mg/Kg | | 98 | 70 - 130 |
| m,p-Xylenes | 0.200 | 0.2168 | | mg/Kg | | 108 | 70 - 130 |
| o-Xylene | 0.100 | 0.1119 | | mg/Kg | | 112 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 129 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 |

**Lab Sample ID: LCSD 880-135744/2-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 135738** — **Prep Batch: 135744**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.1110 | | mg/Kg | | 111 | 70 - 130 | 7 | 35 |
| Toluene | 0.100 | 0.1087 | | mg/Kg | | 109 | 70 - 130 | 10 | 35 |
| Ethylbenzene | 0.100 | 0.1064 | | mg/Kg | | 106 | 70 - 130 | 9 | 35 |
| m,p-Xylenes | 0.200 | 0.2168 | | mg/Kg | | 108 | 70 - 130 | 0 | 35 |
| o-Xylene | 0.100 | 0.1120 | | mg/Kg | | 112 | 70 - 130 | 0 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 123 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 |

**Lab Sample ID: 880-69941-10 MS** — **Client Sample ID: CS-126(4.5')**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 135738** — **Prep Batch: 135744**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.1020 | | mg/Kg | | 102 | 70 - 130 |
| Toluene | <0.00200 | U | 0.100 | 0.1001 | | mg/Kg | | 100 | 70 - 130 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.09934 | | mg/Kg | | 99 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.2296 | | mg/Kg | | 115 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.100 | 0.1117 | | mg/Kg | | 112 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 126 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 94 | | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

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

**Lab Sample ID: 880-69941-10 MSD**
**Matrix: Solid**
**Analysis Batch: 135738**

**Client Sample ID: CS-126(4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135744**

| 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 | 0.1040 | | mg/Kg | | 104 | 70 - 130 | 2 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.09800 | | mg/Kg | | 98 | 70 - 130 | 2 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.09078 | | mg/Kg | | 91 | 70 - 130 | 9 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1857 | | mg/Kg | | 93 | 70 - 130 | 21 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.09671 | | mg/Kg | | 97 | 70 - 130 | 14 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *117* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* |

**Lab Sample ID: MB 880-135745/5-A**
**Matrix: Solid**
**Analysis Batch: 135737**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135745**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:05 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:05 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:05 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:05 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:05 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:05 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* | *03/24/26 09:29* | *03/24/26 11:05* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/24/26 09:29* | *03/24/26 11:05* | *1* |

**Lab Sample ID: LCS 880-135745/1-A**
**Matrix: Solid**
**Analysis Batch: 135737**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135745**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.1080 | | mg/Kg | | 108 | 70 - 130 |
| Toluene | 0.100 | 0.09423 | | mg/Kg | | 94 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.1037 | | mg/Kg | | 104 | 70 - 130 |
| m,p-Xylenes | 0.200 | 0.1982 | | mg/Kg | | 99 | 70 - 130 |
| o-Xylene | 0.100 | 0.1041 | | mg/Kg | | 104 | 70 - 130 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135745/2-A**
**Matrix: Solid**
**Analysis Batch: 135737**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135745**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.1215 | | mg/Kg | | 122 | 70 - 130 | 12 | 35 |
| Toluene | 0.100 | 0.1078 | | mg/Kg | | 108 | 70 - 130 | 13 | 35 |

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# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

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

**Lab Sample ID: LCSD 880-135745/2-A**
**Matrix: Solid**
**Analysis Batch: 135737**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135745**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | | | 0.100 | 0.1197 | | mg/Kg | | 120 | 70 - 130 | 14 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2258 | | mg/Kg | | 113 | 70 - 130 | 13 | 35 |
| o-Xylene | | | 0.100 | 0.1145 | | mg/Kg | | 115 | 70 - 130 | 10 | 35 |

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

**Lab Sample ID: 880-69941-25 MS**
**Matrix: Solid**
**Analysis Batch: 135737**

**Client Sample ID: CS-141(4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135745**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.09687 | | mg/Kg | | 97 | 70 - 130 |
| Toluene | <0.00200 | U | 0.100 | 0.08667 | | mg/Kg | | 87 | 70 - 130 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.09667 | | mg/Kg | | 97 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1818 | | mg/Kg | | 91 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.100 | 0.09273 | | mg/Kg | | 93 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* |

**Lab Sample ID: 880-69941-25 MSD**
**Matrix: Solid**
**Analysis Batch: 135737**

**Client Sample ID: CS-141(4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135745**

| 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 | 0.1098 | | mg/Kg | | 110 | 70 - 130 | 13 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.09649 | | mg/Kg | | 96 | 70 - 130 | 11 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.1062 | | mg/Kg | | 106 | 70 - 130 | 9 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.2051 | | mg/Kg | | 103 | 70 - 130 | 12 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.1020 | | mg/Kg | | 102 | 70 - 130 | 10 | 35 |

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

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

**Lab Sample ID: MB 880-135730/1-A**
**Matrix: Solid**
**Analysis Batch: 135792**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135730**

| 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 | | 03/24/26 07:47 | 03/24/26 12:59 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 12:59 | 1 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

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

**Lab Sample ID: MB 880-135730/1-A**
**Matrix: Solid**
**Analysis Batch: 135792**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135730**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:47 | 03/24/26 12:59 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *218* | *S1+* | *70 - 130* | *03/24/26 07:47* | *03/24/26 12:59* | *1* |
| *o-Terphenyl (Surr)* | *299* | *S1+* | *70 - 130* | *03/24/26 07:47* | *03/24/26 12:59* | *1* |

**Lab Sample ID: LCS 880-135730/2-A**
**Matrix: Solid**
**Analysis Batch: 135792**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135730**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1109 | | mg/Kg | | 111 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1067 | | mg/Kg | | 107 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *98* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *128* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135730/3-A**
**Matrix: Solid**
**Analysis Batch: 135792**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135730**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 962.4 | | mg/Kg | | | - | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1018 | | mg/Kg | | | - | | |

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

**Lab Sample ID: 880-69941-1 MS**
**Matrix: Solid**
**Analysis Batch: 135792**

**Client Sample ID: CS-117(4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135730**

| 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 | 1091 | | mg/Kg | | 109 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 1032 | | mg/Kg | | 103 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *139* | *S1+* | *70 - 130* |
| *o-Terphenyl (Surr)* | *132* | *S1+* | *70 - 130* |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

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

**Lab Sample ID: 880-69941-1 MSD** — **Client Sample ID: CS-117(4.5')**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 135792** — **Prep Batch: 135730**

| 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 | 1041 | | mg/Kg | | 104 | 70 - 130 | 5 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 999 | 1120 | | mg/Kg | | 112 | 70 - 130 | 8 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *105* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *136* | *S1+* | *70 - 130* |

**Lab Sample ID: MB 880-135731/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 135821** — **Prep Batch: 135731**

| 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 | | 03/24/26 07:49 | 03/24/26 15:18 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 15:18 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 15:18 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *91* | | *70 - 130* | *03/24/26 07:49* | *03/24/26 15:18* | *1* |
| *o-Terphenyl (Surr)* | *88* | | *70 - 130* | *03/24/26 07:49* | *03/24/26 15:18* | *1* |

**Lab Sample ID: LCS 880-135731/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 135821** — **Prep Batch: 135731**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 1165 | | mg/Kg | | 116 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 1245 | | mg/Kg | | 124 | 70 - 130 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *94* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135731/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 135821** — **Prep Batch: 135731**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 1143 | | mg/Kg | | 114 | 70 - 130 | 2 | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 1165 | | mg/Kg | | 117 | 70 - 130 | 7 | 20 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

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

**Lab Sample ID: LCSD 880-135731/3-A**
**Matrix: Solid**
**Analysis Batch: 135821**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135731**

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 98 | | 70 - 130 |
| o-Terphenyl (Surr) | 87 | | 70 - 130 |

**Lab Sample ID: 880-69941-21 MS**
**Matrix: Solid**
**Analysis Batch: 135821**

**Client Sample ID: CS-137(4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135731**

| 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 | 957.4 | | mg/Kg | | 96 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U F1 | 1000 | 842.9 | | mg/Kg | | 80 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 124 | | 70 - 130 |
| o-Terphenyl (Surr) | 110 | | 70 - 130 |

**Lab Sample ID: 880-69941-21 MSD**
**Matrix: Solid**
**Analysis Batch: 135821**

**Client Sample ID: CS-137(4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135731**

| 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 | 874.2 | | mg/Kg | | 87 | 70 - 130 | 9 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U F1 | 1000 | 721.6 | F1 | mg/Kg | | 68 | 70 - 130 | 16 | 20 |

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

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-135734/1-A**
**Matrix: Solid**
**Analysis Batch: 135747**

**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 | | | 03/24/26 08:49 | 1 |

**Lab Sample ID: LCS 880-135734/2-A**
**Matrix: Solid**
**Analysis Batch: 135747**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 233.4 | | mg/Kg | | 93 | 90 - 110 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

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

**Lab Sample ID: LCSD 880-135734/3-A**
**Matrix: Solid**
**Analysis Batch: 135747**

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

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 235.0 | | mg/Kg | | 94 | 90 - 110 | 1 | 20 |

**Lab Sample ID: 880-69941-1 MS**
**Matrix: Solid**
**Analysis Batch: 135747**

**Client Sample ID: CS-117(4.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 178 | | 252 | 416.9 | | mg/Kg | | 95 | 90 - 110 |

**Lab Sample ID: 880-69941-1 MSD**
**Matrix: Solid**
**Analysis Batch: 135747**

**Client Sample ID: CS-117(4.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 178 | | 252 | 420.8 | | mg/Kg | | 96 | 90 - 110 | 1 | 20 |

**Lab Sample ID: 880-69941-11 MS**
**Matrix: Solid**
**Analysis Batch: 135747**

**Client Sample ID: CS-127(4.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 57.2 | | 250 | 299.6 | | mg/Kg | | 97 | 90 - 110 |

**Lab Sample ID: 880-69941-11 MSD**
**Matrix: Solid**
**Analysis Batch: 135747**

**Client Sample ID: CS-127(4.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 57.2 | | 250 | 299.8 | | mg/Kg | | 97 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-135735/1-A**
**Matrix: Solid**
**Analysis Batch: 135748**

**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 | | | 03/24/26 09:54 | 1 |

**Lab Sample ID: LCS 880-135735/2-A**
**Matrix: Solid**
**Analysis Batch: 135748**

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

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 234.9 | | mg/Kg | | 94 | 90 - 110 |

**Lab Sample ID: LCSD 880-135735/3-A**
**Matrix: Solid**
**Analysis Batch: 135748**

**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 | 236.2 | | mg/Kg | | 94 | 90 - 110 | 1 | 20 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: 880-69941-21 MS**
**Matrix: Solid**
**Analysis Batch: 135748**

**Client Sample ID: CS-137(4.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 14.3 | | 249 | 260.4 | | mg/Kg | | 99 | 90 - 110 |

**Lab Sample ID: 880-69941-21 MSD**
**Matrix: Solid**
**Analysis Batch: 135748**

**Client Sample ID: CS-137(4.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 14.3 | | 249 | 261.4 | | mg/Kg | | 99 | 90 - 110 | 0 | 20 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## GC VOA

### Prep Batch: 135680

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69941-18 | CS-134(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-19 | CS-135(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-20 | CS-136(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-21 | CS-137(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-22 | CS-138(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-23 | CS-139(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-24 | CS-140(4.5') | Total/NA | Solid | 5035 | |
| MB 880-135680/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-135680/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-135680/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-69941-18 MS | CS-134(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-18 MSD | CS-134(4.5') | Total/NA | Solid | 5035 | |

### Analysis Batch: 135737

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69941-25 | CS-141(4.5') | Total/NA | Solid | 8021B | 135745 |
| 880-69941-26 | CS-142(4.5') | Total/NA | Solid | 8021B | 135745 |
| 880-69941-27 | CS-143(4.5') | Total/NA | Solid | 8021B | 135745 |
| 880-69941-28 | CS-144(4.5') | Total/NA | Solid | 8021B | 135745 |
| 880-69941-29 | CS-145(4.5') | Total/NA | Solid | 8021B | 135745 |
| MB 880-135745/5-A | Method Blank | Total/NA | Solid | 8021B | 135745 |
| LCS 880-135745/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 135745 |
| LCSD 880-135745/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 135745 |
| 880-69941-25 MS | CS-141(4.5') | Total/NA | Solid | 8021B | 135745 |
| 880-69941-25 MSD | CS-141(4.5') | Total/NA | Solid | 8021B | 135745 |

### Analysis Batch: 135738

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69941-10 | CS-126(4.5') | Total/NA | Solid | 8021B | 135744 |
| 880-69941-11 | CS-127(4.5') | Total/NA | Solid | 8021B | 135744 |
| 880-69941-12 | CS-128(4.5') | Total/NA | Solid | 8021B | 135744 |
| 880-69941-13 | CS-129(4.5') | Total/NA | Solid | 8021B | 135744 |
| 880-69941-14 | CS-130(4.5') | Total/NA | Solid | 8021B | 135744 |
| 880-69941-15 | CS-131(4.5') | Total/NA | Solid | 8021B | 135744 |
| 880-69941-16 | CS-132(4.5') | Total/NA | Solid | 8021B | 135744 |
| 880-69941-17 | CS-133(4.5') | Total/NA | Solid | 8021B | 135744 |
| MB 880-135744/5-A | Method Blank | Total/NA | Solid | 8021B | 135744 |
| LCS 880-135744/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 135744 |
| LCSD 880-135744/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 135744 |
| 880-69941-10 MS | CS-126(4.5') | Total/NA | Solid | 8021B | 135744 |
| 880-69941-10 MSD | CS-126(4.5') | Total/NA | Solid | 8021B | 135744 |

### Analysis Batch: 135739

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69941-1 | CS-117(4.5') | Total/NA | Solid | 8021B | 135743 |
| 880-69941-2 | CS-118(4.5') | Total/NA | Solid | 8021B | 135743 |
| 880-69941-3 | CS-119(4.5') | Total/NA | Solid | 8021B | 135743 |
| 880-69941-4 | CS-120(4.5') | Total/NA | Solid | 8021B | 135743 |
| 880-69941-5 | CS-121(4.5') | Total/NA | Solid | 8021B | 135743 |
| 880-69941-6 | CS-122(4.5') | Total/NA | Solid | 8021B | 135743 |
| 880-69941-7 | CS-123(4.5') | Total/NA | Solid | 8021B | 135743 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## GC VOA (Continued)

### Analysis Batch: 135739 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69941-8 | CS-124(4.5') | Total/NA | Solid | 8021B | 135743 |
| 880-69941-9 | CS-125(4.5') | Total/NA | Solid | 8021B | 135743 |
| MB 880-135743/5-A | Method Blank | Total/NA | Solid | 8021B | 135743 |
| LCS 880-135743/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 135743 |
| LCSD 880-135743/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 135743 |
| 880-69941-1 MS | CS-117(4.5') | Total/NA | Solid | 8021B | 135743 |
| 880-69941-1 MSD | CS-117(4.5') | Total/NA | Solid | 8021B | 135743 |

### Analysis Batch: 135740

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69941-18 | CS-134(4.5') | Total/NA | Solid | 8021B | 135680 |
| 880-69941-19 | CS-135(4.5') | Total/NA | Solid | 8021B | 135680 |
| 880-69941-20 | CS-136(4.5') | Total/NA | Solid | 8021B | 135680 |
| 880-69941-21 | CS-137(4.5') | Total/NA | Solid | 8021B | 135680 |
| 880-69941-22 | CS-138(4.5') | Total/NA | Solid | 8021B | 135680 |
| 880-69941-23 | CS-139(4.5') | Total/NA | Solid | 8021B | 135680 |
| 880-69941-24 | CS-140(4.5') | Total/NA | Solid | 8021B | 135680 |
| MB 880-135680/5-A | Method Blank | Total/NA | Solid | 8021B | 135680 |
| LCS 880-135680/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 135680 |
| LCSD 880-135680/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 135680 |
| 880-69941-18 MS | CS-134(4.5') | Total/NA | Solid | 8021B | 135680 |
| 880-69941-18 MSD | CS-134(4.5') | Total/NA | Solid | 8021B | 135680 |

### Prep Batch: 135743

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69941-1 | CS-117(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-2 | CS-118(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-3 | CS-119(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-4 | CS-120(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-5 | CS-121(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-6 | CS-122(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-7 | CS-123(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-8 | CS-124(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-9 | CS-125(4.5') | Total/NA | Solid | 5035 | |
| MB 880-135743/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-135743/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-135743/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-69941-1 MS | CS-117(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-1 MSD | CS-117(4.5') | Total/NA | Solid | 5035 | |

### Prep Batch: 135744

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69941-10 | CS-126(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-11 | CS-127(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-12 | CS-128(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-13 | CS-129(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-14 | CS-130(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-15 | CS-131(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-16 | CS-132(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-17 | CS-133(4.5') | Total/NA | Solid | 5035 | |
| MB 880-135744/5-A | Method Blank | Total/NA | Solid | 5035 | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## GC VOA (Continued)

### Prep Batch: 135744 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| LCS 880-135744/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-135744/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-69941-10 MS | CS-126(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-10 MSD | CS-126(4.5') | Total/NA | Solid | 5035 | |

### Prep Batch: 135745

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69941-25 | CS-141(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-26 | CS-142(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-27 | CS-143(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-28 | CS-144(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-29 | CS-145(4.5') | Total/NA | Solid | 5035 | |
| MB 880-135745/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-135745/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-135745/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-69941-25 MS | CS-141(4.5') | Total/NA | Solid | 5035 | |
| 880-69941-25 MSD | CS-141(4.5') | Total/NA | Solid | 5035 | |

### Analysis Batch: 135802

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69941-1 | CS-117(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-2 | CS-118(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-3 | CS-119(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-4 | CS-120(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-5 | CS-121(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-6 | CS-122(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-7 | CS-123(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-8 | CS-124(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-9 | CS-125(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-10 | CS-126(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-11 | CS-127(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-12 | CS-128(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-13 | CS-129(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-14 | CS-130(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-15 | CS-131(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-16 | CS-132(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-17 | CS-133(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-18 | CS-134(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-19 | CS-135(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-20 | CS-136(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-21 | CS-137(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-22 | CS-138(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-23 | CS-139(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-24 | CS-140(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-25 | CS-141(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-26 | CS-142(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-27 | CS-143(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-28 | CS-144(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69941-29 | CS-145(4.5') | Total/NA | Solid | Total BTEX | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## GC Semi VOA

### Prep Batch: 135730

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69941-1 | CS-117(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-2 | CS-118(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-3 | CS-119(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-4 | CS-120(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-5 | CS-121(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-6 | CS-122(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-7 | CS-123(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-8 | CS-124(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-9 | CS-125(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-10 | CS-126(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-11 | CS-127(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-12 | CS-128(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-13 | CS-129(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-14 | CS-130(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-15 | CS-131(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-16 | CS-132(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-17 | CS-133(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-18 | CS-134(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-19 | CS-135(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-20 | CS-136(4.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-135730/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-135730/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-135730/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-69941-1 MS | CS-117(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-1 MSD | CS-117(4.5') | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 135731

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69941-21 | CS-137(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-22 | CS-138(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-23 | CS-139(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-24 | CS-140(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-25 | CS-141(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-26 | CS-142(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-27 | CS-143(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-28 | CS-144(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-29 | CS-145(4.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-135731/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-135731/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-135731/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-69941-21 MS | CS-137(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69941-21 MSD | CS-137(4.5') | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 135792

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69941-1 | CS-117(4.5') | Total/NA | Solid | 8015B NM | 135730 |
| 880-69941-2 | CS-118(4.5') | Total/NA | Solid | 8015B NM | 135730 |
| 880-69941-3 | CS-119(4.5') | Total/NA | Solid | 8015B NM | 135730 |
| 880-69941-4 | CS-120(4.5') | Total/NA | Solid | 8015B NM | 135730 |
| 880-69941-5 | CS-121(4.5') | Total/NA | Solid | 8015B NM | 135730 |
| 880-69941-6 | CS-122(4.5') | Total/NA | Solid | 8015B NM | 135730 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## GC Semi VOA (Continued)

### Analysis Batch: 135792 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69941-7 | CS-123(4.5') | Total/NA | Solid | 8015B NM | 135730 |
| 880-69941-8 | CS-124(4.5') | Total/NA | Solid | 8015B NM | 135730 |
| 880-69941-9 | CS-125(4.5') | Total/NA | Solid | 8015B NM | 135730 |
| 880-69941-10 | CS-126(4.5') | Total/NA | Solid | 8015B NM | 135730 |
| 880-69941-11 | CS-127(4.5') | Total/NA | Solid | 8015B NM | 135730 |
| 880-69941-12 | CS-128(4.5') | Total/NA | Solid | 8015B NM | 135730 |
| 880-69941-13 | CS-129(4.5') | Total/NA | Solid | 8015B NM | 135730 |
| 880-69941-14 | CS-130(4.5') | Total/NA | Solid | 8015B NM | 135730 |
| 880-69941-15 | CS-131(4.5') | Total/NA | Solid | 8015B NM | 135730 |
| 880-69941-16 | CS-132(4.5') | Total/NA | Solid | 8015B NM | 135730 |
| 880-69941-17 | CS-133(4.5') | Total/NA | Solid | 8015B NM | 135730 |
| 880-69941-18 | CS-134(4.5') | Total/NA | Solid | 8015B NM | 135730 |
| 880-69941-19 | CS-135(4.5') | Total/NA | Solid | 8015B NM | 135730 |
| 880-69941-20 | CS-136(4.5') | Total/NA | Solid | 8015B NM | 135730 |
| MB 880-135730/1-A | Method Blank | Total/NA | Solid | 8015B NM | 135730 |
| LCS 880-135730/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 135730 |
| LCSD 880-135730/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 135730 |
| 880-69941-1 MS | CS-117(4.5') | Total/NA | Solid | 8015B NM | 135730 |
| 880-69941-1 MSD | CS-117(4.5') | Total/NA | Solid | 8015B NM | 135730 |

### Analysis Batch: 135821

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69941-21 | CS-137(4.5') | Total/NA | Solid | 8015B NM | 135731 |
| 880-69941-22 | CS-138(4.5') | Total/NA | Solid | 8015B NM | 135731 |
| 880-69941-23 | CS-139(4.5') | Total/NA | Solid | 8015B NM | 135731 |
| 880-69941-24 | CS-140(4.5') | Total/NA | Solid | 8015B NM | 135731 |
| 880-69941-25 | CS-141(4.5') | Total/NA | Solid | 8015B NM | 135731 |
| 880-69941-26 | CS-142(4.5') | Total/NA | Solid | 8015B NM | 135731 |
| 880-69941-27 | CS-143(4.5') | Total/NA | Solid | 8015B NM | 135731 |
| 880-69941-28 | CS-144(4.5') | Total/NA | Solid | 8015B NM | 135731 |
| 880-69941-29 | CS-145(4.5') | Total/NA | Solid | 8015B NM | 135731 |
| MB 880-135731/1-A | Method Blank | Total/NA | Solid | 8015B NM | 135731 |
| LCS 880-135731/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 135731 |
| LCSD 880-135731/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 135731 |
| 880-69941-21 MS | CS-137(4.5') | Total/NA | Solid | 8015B NM | 135731 |
| 880-69941-21 MSD | CS-137(4.5') | Total/NA | Solid | 8015B NM | 135731 |

### Analysis Batch: 135898

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69941-1 | CS-117(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-2 | CS-118(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-3 | CS-119(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-4 | CS-120(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-5 | CS-121(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-6 | CS-122(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-7 | CS-123(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-8 | CS-124(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-9 | CS-125(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-10 | CS-126(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-11 | CS-127(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-12 | CS-128(4.5') | Total/NA | Solid | 8015 NM | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## GC Semi VOA (Continued)

### Analysis Batch: 135898 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69941-13 | CS-129(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-14 | CS-130(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-15 | CS-131(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-16 | CS-132(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-17 | CS-133(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-18 | CS-134(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-19 | CS-135(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-20 | CS-136(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-21 | CS-137(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-22 | CS-138(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-23 | CS-139(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-24 | CS-140(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-25 | CS-141(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-26 | CS-142(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-27 | CS-143(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-28 | CS-144(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69941-29 | CS-145(4.5') | Total/NA | Solid | 8015 NM | |

## HPLC/IC

### Leach Batch: 135734

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69941-1 | CS-117(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-2 | CS-118(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-3 | CS-119(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-4 | CS-120(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-5 | CS-121(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-6 | CS-122(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-7 | CS-123(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-8 | CS-124(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-9 | CS-125(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-10 | CS-126(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-11 | CS-127(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-12 | CS-128(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-13 | CS-129(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-14 | CS-130(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-15 | CS-131(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-16 | CS-132(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-17 | CS-133(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-18 | CS-134(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-19 | CS-135(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-20 | CS-136(4.5') | Soluble | Solid | DI Leach | |
| MB 880-135734/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-135734/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-135734/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-69941-1 MS | CS-117(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-1 MSD | CS-117(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-11 MS | CS-127(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-11 MSD | CS-127(4.5') | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## HPLC/IC

### Leach Batch: 135735

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69941-21 | CS-137(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-22 | CS-138(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-23 | CS-139(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-24 | CS-140(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-25 | CS-141(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-26 | CS-142(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-27 | CS-143(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-28 | CS-144(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-29 | CS-145(4.5') | Soluble | Solid | DI Leach | |
| MB 880-135735/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-135735/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-135735/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-69941-21 MS | CS-137(4.5') | Soluble | Solid | DI Leach | |
| 880-69941-21 MSD | CS-137(4.5') | Soluble | Solid | DI Leach | |

### Analysis Batch: 135747

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69941-1 | CS-117(4.5') | Soluble | Solid | 300.0 | 135734 |
| 880-69941-2 | CS-118(4.5') | Soluble | Solid | 300.0 | 135734 |
| 880-69941-3 | CS-119(4.5') | Soluble | Solid | 300.0 | 135734 |
| 880-69941-4 | CS-120(4.5') | Soluble | Solid | 300.0 | 135734 |
| 880-69941-5 | CS-121(4.5') | Soluble | Solid | 300.0 | 135734 |
| 880-69941-6 | CS-122(4.5') | Soluble | Solid | 300.0 | 135734 |
| 880-69941-7 | CS-123(4.5') | Soluble | Solid | 300.0 | 135734 |
| 880-69941-8 | CS-124(4.5') | Soluble | Solid | 300.0 | 135734 |
| 880-69941-9 | CS-125(4.5') | Soluble | Solid | 300.0 | 135734 |
| 880-69941-10 | CS-126(4.5') | Soluble | Solid | 300.0 | 135734 |
| 880-69941-11 | CS-127(4.5') | Soluble | Solid | 300.0 | 135734 |
| 880-69941-12 | CS-128(4.5') | Soluble | Solid | 300.0 | 135734 |
| 880-69941-13 | CS-129(4.5') | Soluble | Solid | 300.0 | 135734 |
| 880-69941-14 | CS-130(4.5') | Soluble | Solid | 300.0 | 135734 |
| 880-69941-15 | CS-131(4.5') | Soluble | Solid | 300.0 | 135734 |
| 880-69941-16 | CS-132(4.5') | Soluble | Solid | 300.0 | 135734 |
| 880-69941-17 | CS-133(4.5') | Soluble | Solid | 300.0 | 135734 |
| 880-69941-18 | CS-134(4.5') | Soluble | Solid | 300.0 | 135734 |
| 880-69941-19 | CS-135(4.5') | Soluble | Solid | 300.0 | 135734 |
| 880-69941-20 | CS-136(4.5') | Soluble | Solid | 300.0 | 135734 |
| MB 880-135734/1-A | Method Blank | Soluble | Solid | 300.0 | 135734 |
| LCS 880-135734/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 135734 |
| LCSD 880-135734/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 135734 |
| 880-69941-1 MS | CS-117(4.5') | Soluble | Solid | 300.0 | 135734 |
| 880-69941-1 MSD | CS-117(4.5') | Soluble | Solid | 300.0 | 135734 |
| 880-69941-11 MS | CS-127(4.5') | Soluble | Solid | 300.0 | 135734 |
| 880-69941-11 MSD | CS-127(4.5') | Soluble | Solid | 300.0 | 135734 |

### Analysis Batch: 135748

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69941-21 | CS-137(4.5') | Soluble | Solid | 300.0 | 135735 |
| 880-69941-22 | CS-138(4.5') | Soluble | Solid | 300.0 | 135735 |
| 880-69941-23 | CS-139(4.5') | Soluble | Solid | 300.0 | 135735 |
| 880-69941-24 | CS-140(4.5') | Soluble | Solid | 300.0 | 135735 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## HPLC/IC (Continued)

### Analysis Batch: 135748 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69941-25 | CS-141(4.5') | Soluble | Solid | 300.0 | 135735 |
| 880-69941-26 | CS-142(4.5') | Soluble | Solid | 300.0 | 135735 |
| 880-69941-27 | CS-143(4.5') | Soluble | Solid | 300.0 | 135735 |
| 880-69941-28 | CS-144(4.5') | Soluble | Solid | 300.0 | 135735 |
| 880-69941-29 | CS-145(4.5') | Soluble | Solid | 300.0 | 135735 |
| MB 880-135735/1-A | Method Blank | Soluble | Solid | 300.0 | 135735 |
| LCS 880-135735/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 135735 |
| LCSD 880-135735/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 135735 |
| 880-69941-21 MS | CS-137(4.5') | Soluble | Solid | 300.0 | 135735 |
| 880-69941-21 MSD | CS-137(4.5') | Soluble | Solid | 300.0 | 135735 |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-117(4.5')

**Lab Sample ID: 880-69941-1**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135743 | 03/24/26 09:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/24/26 11:22 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 11:22 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 14:48 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135730 | 03/24/26 07:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135792 | 03/24/26 14:48 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 135734 | 03/24/26 08:10 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135747 | 03/24/26 09:53 | SMC | EET MID |

## Client Sample ID: CS-118(4.5')

**Lab Sample ID: 880-69941-2**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135743 | 03/24/26 09:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/24/26 11:42 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 11:42 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 15:33 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135730 | 03/24/26 07:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135792 | 03/24/26 15:33 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 135734 | 03/24/26 08:10 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135747 | 03/24/26 10:09 | SMC | EET MID |

## Client Sample ID: CS-119(4.5')

**Lab Sample ID: 880-69941-3**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135743 | 03/24/26 09:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/24/26 12:03 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 12:03 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 15:49 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.95 g | 10.00 mL | 135730 | 03/24/26 07:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135792 | 03/24/26 15:49 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135734 | 03/24/26 08:10 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135747 | 03/24/26 10:14 | SMC | EET MID |

## Client Sample ID: CS-120(4.5')

**Lab Sample ID: 880-69941-4**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135743 | 03/24/26 09:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/24/26 12:23 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 12:23 | SA | EET MID |

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# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-120(4.5')

**Lab Sample ID: 880-69941-4**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 16:04 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.91 g | 10.00 mL | 135730 | 03/24/26 07:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135792 | 03/24/26 16:04 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 135734 | 03/24/26 08:10 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135747 | 03/24/26 10:19 | SMC | EET MID |

## Client Sample ID: CS-121(4.5')

**Lab Sample ID: 880-69941-5**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 135743 | 03/24/26 09:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/24/26 12:43 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 12:43 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 16:19 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10.00 mL | 135730 | 03/24/26 07:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135792 | 03/24/26 16:19 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135734 | 03/24/26 08:10 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135747 | 03/24/26 10:24 | SMC | EET MID |

## Client Sample ID: CS-122(4.5')

**Lab Sample ID: 880-69941-6**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135743 | 03/24/26 09:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/24/26 13:04 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 13:04 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 16:34 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.96 g | 10.00 mL | 135730 | 03/24/26 07:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135792 | 03/24/26 16:34 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 135734 | 03/24/26 08:10 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135747 | 03/24/26 10:40 | SMC | EET MID |

## Client Sample ID: CS-123(4.5')

**Lab Sample ID: 880-69941-7**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135743 | 03/24/26 09:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/24/26 13:24 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 13:24 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 16:49 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135730 | 03/24/26 07:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135792 | 03/24/26 16:49 | FC | EET MID |

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# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-123(4.5')

**Lab Sample ID: 880-69941-7**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| 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 | 135734 | 03/24/26 08:10 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135747 | 03/24/26 10:45 | SMC | EET MID |

## Client Sample ID: CS-124(4.5')

**Lab Sample ID: 880-69941-8**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135743 | 03/24/26 09:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/24/26 13:45 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 13:45 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 17:04 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135730 | 03/24/26 07:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135792 | 03/24/26 17:04 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 135734 | 03/24/26 08:10 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135747 | 03/24/26 10:51 | SMC | EET MID |

## Client Sample ID: CS-125(4.5')

**Lab Sample ID: 880-69941-9**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135743 | 03/24/26 09:17 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135739 | 03/24/26 14:05 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 14:05 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 17:19 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 135730 | 03/24/26 07:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135792 | 03/24/26 17:19 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135734 | 03/24/26 08:10 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135747 | 03/24/26 10:56 | SMC | EET MID |

## Client Sample ID: CS-126(4.5')

**Lab Sample ID: 880-69941-10**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135744 | 03/24/26 09:20 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135738 | 03/24/26 11:14 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 11:14 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 17:35 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 135730 | 03/24/26 07:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135792 | 03/24/26 17:35 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 135734 | 03/24/26 08:10 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135747 | 03/24/26 11:01 | SMC | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-127(4.5')

**Lab Sample ID: 880-69941-11**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135744 | 03/24/26 09:20 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135738 | 03/24/26 11:35 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 11:35 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 18:05 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10.00 mL | 135730 | 03/24/26 07:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135792 | 03/24/26 18:05 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 135734 | 03/24/26 08:10 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135747 | 03/24/26 11:06 | SMC | EET MID |

## Client Sample ID: CS-128(4.5')

**Lab Sample ID: 880-69941-12**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135744 | 03/24/26 09:20 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135738 | 03/24/26 11:56 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 11:56 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 18:20 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 135730 | 03/24/26 07:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135792 | 03/24/26 18:20 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 135734 | 03/24/26 08:10 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135747 | 03/24/26 11:22 | SMC | EET MID |

## Client Sample ID: CS-129(4.5')

**Lab Sample ID: 880-69941-13**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135744 | 03/24/26 09:20 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135738 | 03/24/26 12:16 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 12:16 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 18:35 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135730 | 03/24/26 07:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135792 | 03/24/26 18:35 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 135734 | 03/24/26 08:10 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135747 | 03/24/26 11:27 | SMC | EET MID |

## Client Sample ID: CS-130(4.5')

**Lab Sample ID: 880-69941-14**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 135744 | 03/24/26 09:20 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135738 | 03/24/26 12:37 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 12:37 | SA | EET MID |

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# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-130(4.5')

**Lab Sample ID: 880-69941-14**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 18:50 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135730 | 03/24/26 07:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135792 | 03/24/26 18:50 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 135734 | 03/24/26 08:10 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135747 | 03/24/26 11:43 | SMC | EET MID |

## Client Sample ID: CS-131(4.5')

**Lab Sample ID: 880-69941-15**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135744 | 03/24/26 09:20 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135738 | 03/24/26 12:57 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 12:57 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 19:05 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.1 g | 10.00 mL | 135730 | 03/24/26 07:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135792 | 03/24/26 19:05 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 135734 | 03/24/26 08:10 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135747 | 03/24/26 11:48 | SMC | EET MID |

## Client Sample ID: CS-132(4.5')

**Lab Sample ID: 880-69941-16**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135744 | 03/24/26 09:20 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135738 | 03/24/26 13:18 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 13:18 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 19:21 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135730 | 03/24/26 07:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135792 | 03/24/26 19:21 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135734 | 03/24/26 08:10 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135747 | 03/24/26 11:54 | SMC | EET MID |

## Client Sample ID: CS-133(4.5')

**Lab Sample ID: 880-69941-17**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135744 | 03/24/26 09:20 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135738 | 03/24/26 13:38 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 13:38 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 19:36 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135730 | 03/24/26 07:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135792 | 03/24/26 19:36 | FC | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-133(4.5')

**Lab Sample ID: 880-69941-17**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| 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 | 135734 | 03/24/26 08:10 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135747 | 03/24/26 11:59 | SMC | EET MID |

## Client Sample ID: CS-134(4.5')

**Lab Sample ID: 880-69941-18**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135680 | 03/23/26 20:00 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135740 | 03/24/26 12:09 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 12:09 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 19:51 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135730 | 03/24/26 07:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135792 | 03/24/26 19:51 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 135734 | 03/24/26 08:10 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135747 | 03/24/26 12:04 | SMC | EET MID |

## Client Sample ID: CS-135(4.5')

**Lab Sample ID: 880-69941-19**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135680 | 03/23/26 20:00 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135740 | 03/24/26 12:30 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 12:30 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 20:06 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 135730 | 03/24/26 07:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135792 | 03/24/26 20:06 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 135734 | 03/24/26 08:10 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135747 | 03/24/26 12:09 | SMC | EET MID |

## Client Sample ID: CS-136(4.5')

**Lab Sample ID: 880-69941-20**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135680 | 03/23/26 20:00 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135740 | 03/24/26 12:50 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 12:50 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 20:21 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 135730 | 03/24/26 07:47 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135792 | 03/24/26 20:21 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135734 | 03/24/26 08:10 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135747 | 03/24/26 12:15 | SMC | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-137(4.5')

**Lab Sample ID: 880-69941-21**

**Date Collected: 03/23/26 00:00**
**Matrix: Solid**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135680 | 03/23/26 20:00 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135740 | 03/24/26 13:11 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 13:11 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 20:04 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135731 | 03/24/26 07:49 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135821 | 03/24/26 20:04 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135735 | 03/24/26 08:12 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135748 | 03/24/26 10:14 | SMC | EET MID |

## Client Sample ID: CS-138(4.5')

**Lab Sample ID: 880-69941-22**

**Date Collected: 03/23/26 00:00**
**Matrix: Solid**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 135680 | 03/23/26 20:00 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135740 | 03/24/26 13:31 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 13:31 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 21:03 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135731 | 03/24/26 07:49 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135821 | 03/24/26 21:03 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 135735 | 03/24/26 08:12 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135748 | 03/24/26 10:34 | SMC | EET MID |

## Client Sample ID: CS-139(4.5')

**Lab Sample ID: 880-69941-23**

**Date Collected: 03/23/26 00:00**
**Matrix: Solid**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135680 | 03/23/26 20:00 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135740 | 03/24/26 13:52 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 13:52 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 21:24 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10.00 mL | 135731 | 03/24/26 07:49 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135821 | 03/24/26 21:24 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135735 | 03/24/26 08:12 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135748 | 03/24/26 10:40 | SMC | EET MID |

## Client Sample ID: CS-140(4.5')

**Lab Sample ID: 880-69941-24**

**Date Collected: 03/23/26 00:00**
**Matrix: Solid**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135680 | 03/23/26 20:00 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135740 | 03/24/26 14:12 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 14:12 | SA | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-140(4.5')

**Lab Sample ID: 880-69941-24**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 21:43 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.93 g | 10.00 mL | 135731 | 03/24/26 07:49 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135821 | 03/24/26 21:43 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 135735 | 03/24/26 08:12 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135748 | 03/24/26 10:47 | SMC | EET MID |

## Client Sample ID: CS-141(4.5')

**Lab Sample ID: 880-69941-25**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135745 | 03/24/26 09:29 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135737 | 03/24/26 11:27 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 11:27 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 22:04 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 135731 | 03/24/26 07:49 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135821 | 03/24/26 22:04 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 135735 | 03/24/26 08:12 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135748 | 03/24/26 10:53 | SMC | EET MID |

## Client Sample ID: CS-142(4.5')

**Lab Sample ID: 880-69941-26**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135745 | 03/24/26 09:29 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135737 | 03/24/26 11:48 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 11:48 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 22:23 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 135731 | 03/24/26 07:49 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135821 | 03/24/26 22:23 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135735 | 03/24/26 08:12 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135748 | 03/24/26 11:13 | SMC | EET MID |

## Client Sample ID: CS-143(4.5')

**Lab Sample ID: 880-69941-27**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135745 | 03/24/26 09:29 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135737 | 03/24/26 12:08 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 12:08 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 22:44 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10.00 mL | 135731 | 03/24/26 07:49 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135821 | 03/24/26 22:44 | FC | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## Client Sample ID: CS-143(4.5')

**Lab Sample ID: 880-69941-27**

**Date Collected: 03/23/26 00:00**
**Matrix: Solid**
**Date Received: 03/23/26 16:19**

| 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 | 135735 | 03/24/26 08:12 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135748 | 03/24/26 11:20 | SMC | EET MID |

## Client Sample ID: CS-144(4.5')

**Lab Sample ID: 880-69941-28**

**Date Collected: 03/23/26 00:00**
**Matrix: Solid**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135745 | 03/24/26 09:29 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135737 | 03/24/26 12:29 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 12:29 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 23:03 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10.00 mL | 135731 | 03/24/26 07:49 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135821 | 03/24/26 23:03 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135735 | 03/24/26 08:12 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135748 | 03/24/26 11:27 | SMC | EET MID |

## Client Sample ID: CS-145(4.5')

**Lab Sample ID: 880-69941-29**

**Date Collected: 03/23/26 00:00**
**Matrix: Solid**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 135745 | 03/24/26 09:29 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135737 | 03/24/26 12:50 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135802 | 03/24/26 12:50 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135898 | 03/24/26 23:23 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135731 | 03/24/26 07:49 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135821 | 03/24/26 23:23 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135735 | 03/24/26 08:12 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135748 | 03/24/26 11:33 | 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: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

## 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: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

| 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: Berry 2 (02.16.2026)

Job ID: 880-69941-1
SDG: 3161

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 880-69941-1 | CS-117(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-2 | CS-118(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-3 | CS-119(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-4 | CS-120(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-5 | CS-121(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-6 | CS-122(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-7 | CS-123(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-8 | CS-124(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-9 | CS-125(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-10 | CS-126(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-11 | CS-127(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-12 | CS-128(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-13 | CS-129(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-14 | CS-130(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-15 | CS-131(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-16 | CS-132(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-17 | CS-133(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-18 | CS-134(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-19 | CS-135(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-20 | CS-136(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-21 | CS-137(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-22 | CS-138(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-23 | CS-139(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-24 | CS-140(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-25 | CS-141(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-26 | CS-142(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-27 | CS-143(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-28 | CS-144(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69941-29 | CS-145(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |

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# Chain of Custody

880-69941 Chain of Custody

3/25/2026

Page ___1___ of ___3___

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | ☐ Routine ☑ Rush |
| Project Number: | 3161 | Due Date: | 24 Hour |
| 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: | #125 |
| Cooler Custody Seals: | Yes No (N/A) | Correction Factor: | .1 |
| Sample Custody Seals: | Yes No (N/A) | Temperature Reading: | 3.3 |
| Total Containers: | | Corrected Temperature: | 3.4 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CS-117 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-118 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-119 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-120 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-121 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-122 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-123 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-124 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-125 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-126 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 3.23.26 1619 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

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# Chain of Custody

**Work Order No:** _____

3/25/2026

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| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | ☐ Routine ☑ Rush |
| Project Number: | 3161 | Due Date: | 24 Hour |
| 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: | |
| Sample Custody Seals: | Yes No (N/A) | Temperature Reading: | 3.3 |
| Total Containers: | | Corrected Temperature: | 3.4 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CS-127 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-128 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-129 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-130 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-131 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-132 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-133 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-134 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-135 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-136 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 3.23.26 1619 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

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# Chain of Custody

**Work Order No:** _____

3/25/2026

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| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | ☐ Routine ☑ Rush |
| Project Number: | 3161 | Due Date: | 24 Hour |
| 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: | 3.3 |
| Total Containers: | | Corrected Temperature: | 3.4 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CS-137 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-138 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-139 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-140 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-141 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-142 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-143 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-144 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| CS-145 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| | | | | | | | | | | | | |

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 5.23.26 1619 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

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# Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-69941-1
SDG Number: 3161

**Login Number: 69941**
**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 3/25/2026 4:28:21 PM

## JOB DESCRIPTION

Berry 2 (2.16.2026)
Lea County, New Mexico

## JOB NUMBER

880-69967-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.



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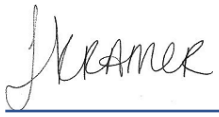
# Eurofins Midland

## 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
3/25/2026 4:28:21 PM

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

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Laboratory Job ID: 880-69967-1
SDG: Lea County, New Mexico

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# Definitions/Glossary

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69967-1
SDG: Lea County, New Mexico

## Qualifiers

### GC VOA

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

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| 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: Berry 2 (2.16.2026)

Job ID: 880-69967-1

## Job ID: 880-69967-1 Eurofins Midland

**Job Narrative**
**880-69967-1**

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 3/24/2026 1:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C.

**Receipt Exceptions**
The following samples were received and analyzed from an unpreserved bulk soil jar: CS-146(4.5') (880-69967-1), CS-147(4.5') (880-69967-2), CS-148(4.5') (880-69967-3) and CS-149(4.5') (880-69967-4).

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

**Diesel Range Organics**
Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS-146(4.5') (880-69967-1) and (880-69968-A-1-B MS). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside the upper control limit: CS-149(4.5') (880-69967-4). This sample did not contain any target analytes; 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**
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: Berry 2 (2.16.2026)

Job ID: 880-69967-1
SDG: Lea County, New Mexico

## Client Sample ID: CS-146(4.5')

**Lab Sample ID: 880-69967-1**
**Date Collected: 03/24/26 00:00**
**Matrix: Solid**
**Date Received: 03/24/26 13:10**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 10:43 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 10:43 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 10:43 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 10:43 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 10:43 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 10:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *70 - 130* | *03/25/26 10:16* | *03/25/26 10:43* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/25/26 10:16* | *03/25/26 10:43* | *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 | | | 03/25/26 10:43 | 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 | | | 03/25/26 15:23 | 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 | | 03/25/26 08:55 | 03/25/26 15:23 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/25/26 08:55 | 03/25/26 15:23 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/25/26 08:55 | 03/25/26 15:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *138* | *S1+* | *70 - 130* | *03/25/26 08:55* | *03/25/26 15:23* | *1* |
| *o-Terphenyl (Surr)* | *131* | *S1+* | *70 - 130* | *03/25/26 08:55* | *03/25/26 15:23* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **25.1** | | 10.0 | | mg/Kg | | | 03/25/26 10:28 | 1 |

## Client Sample ID: CS-147(4.5')

**Lab Sample ID: 880-69967-2**
**Date Collected: 03/24/26 00:00**
**Matrix: Solid**
**Date Received: 03/24/26 13:10**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 11:03 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 11:03 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 11:03 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 11:03 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 11:03 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 11:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *70 - 130* | *03/25/26 10:16* | *03/25/26 11:03* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/25/26 10:16* | *03/25/26 11:03* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69967-1
SDG: Lea County, New Mexico

## Client Sample ID: CS-147(4.5')

**Lab Sample ID: 880-69967-2**
**Matrix: Solid**
**Date Collected: 03/24/26 00:00**
**Date Received: 03/24/26 13:10**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 03/25/26 11:03 | 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 | | | 03/25/26 15:39 | 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 | <49.9 | U | 49.9 | | mg/Kg | | 03/25/26 08:55 | 03/25/26 15:39 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/25/26 08:55 | 03/25/26 15:39 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/25/26 08:55 | 03/25/26 15:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *115* | | *70 - 130* | *03/25/26 08:55* | *03/25/26 15:39* | *1* |
| *o-Terphenyl (Surr)* | *109* | | *70 - 130* | *03/25/26 08:55* | *03/25/26 15:39* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **350** | | 9.92 | | mg/Kg | | | 03/25/26 10:48 | 1 |

## Client Sample ID: CS-148(4.5')

**Lab Sample ID: 880-69967-3**
**Matrix: Solid**
**Date Collected: 03/24/26 00:00**
**Date Received: 03/24/26 13:10**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 11:24 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 11:24 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 11:24 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 11:24 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 11:24 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 11:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *89* | | *70 - 130* | *03/25/26 10:16* | *03/25/26 11:24* | *1* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* | *03/25/26 10:16* | *03/25/26 11:24* | *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 | | | 03/25/26 11:24 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 03/25/26 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 | <49.6 | U | 49.6 | | mg/Kg | | 03/25/26 08:55 | 03/25/26 15:54 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 03/25/26 08:55 | 03/25/26 15:54 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69967-1
SDG: Lea County, New Mexico

## Client Sample ID: CS-148(4.5')

**Lab Sample ID: 880-69967-3**
**Matrix: Solid**
**Date Collected: 03/24/26 00:00**
**Date Received: 03/24/26 13:10**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 03/25/26 08:55 | 03/25/26 15:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *123* | | *70 - 130* | *03/25/26 08:55* | *03/25/26 15:54* | *1* |
| *o-Terphenyl (Surr)* | *116* | | *70 - 130* | *03/25/26 08:55* | *03/25/26 15:54* | *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 | | | 03/25/26 10:54 | 1 |

## Client Sample ID: CS-149(4.5')

**Lab Sample ID: 880-69967-4**
**Matrix: Solid**
**Date Collected: 03/24/26 00:00**
**Date Received: 03/24/26 13:10**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 11:44 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 11:44 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 11:44 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 11:44 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 11:44 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/25/26 10:16 | 03/25/26 11:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *70 - 130* | *03/25/26 10:16* | *03/25/26 11:44* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/25/26 10:16* | *03/25/26 11:44* | *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 | | | 03/25/26 11:44 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/25/26 16:09 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 03/25/26 08:55 | 03/25/26 16:09 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/25/26 08:55 | 03/25/26 16:09 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/25/26 08:55 | 03/25/26 16:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *131* | *S1+* | *70 - 130* | *03/25/26 08:55* | *03/25/26 16:09* | *1* |
| *o-Terphenyl (Surr)* | *122* | | *70 - 130* | *03/25/26 08:55* | *03/25/26 16:09* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **258** | | 10.1 | | mg/Kg | | | 03/25/26 11:01 | 1 |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69967-1
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) |
| 880-69967-1 | CS-146(4.5') | 101 | 101 |
| 880-69967-1 MS | CS-146(4.5') | 103 | 98 |
| 880-69967-1 MSD | CS-146(4.5') | 98 | 105 |
| 880-69967-2 | CS-147(4.5') | 94 | 103 |
| 880-69967-3 | CS-148(4.5') | 89 | 104 |
| 880-69967-4 | CS-149(4.5') | 93 | 101 |
| LCS 880-135869/1-A | Lab Control Sample | 101 | 103 |
| LCSD 880-135869/2-A | Lab Control Sample Dup | 100 | 99 |
| MB 880-135869/5-A | Method Blank | 95 | 100 |

**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) | |
|---|---|---|---|
| | | 1CO1 | OTPH1 |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) |
| 880-69967-1 | CS-146(4.5') | 138 S1+ | 131 S1+ |
| 880-69967-2 | CS-147(4.5') | 115 | 109 |
| 880-69967-3 | CS-148(4.5') | 123 | 116 |
| 880-69967-4 | CS-149(4.5') | 131 S1+ | 122 |
| 880-69968-A-1-B MS | Matrix Spike | 149 S1+ | 115 |
| 880-69968-A-1-C MSD | Matrix Spike Duplicate | 119 | 113 |
| LCS 880-135828/2-A | Lab Control Sample | 76 | 75 |
| LCSD 880-135828/3-A | Lab Control Sample Dup | 80 | 79 |
| MB 880-135828/1-A | Method Blank | 115 | 110 |

**Surrogate Legend**

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

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69967-1
SDG: Lea County, New Mexico

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

**Lab Sample ID: MB 880-135869/5-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 135854** — **Prep Batch: 135869**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/26 05:00 | 03/25/26 10:21 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/26 05:00 | 03/25/26 10:21 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/26 05:00 | 03/25/26 10:21 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/25/26 05:00 | 03/25/26 10:21 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/26 05:00 | 03/25/26 10:21 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/25/26 05:00 | 03/25/26 10:21 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* | *03/25/26 05:00* | *03/25/26 10:21* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *03/25/26 05:00* | *03/25/26 10:21* | *1* |

**Lab Sample ID: LCS 880-135869/1-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 135854** — **Prep Batch: 135869**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09479 | | mg/Kg | | 95 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.1048 | | mg/Kg | | 105 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1003 | | mg/Kg | | 100 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2061 | | mg/Kg | | 103 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.09909 | | mg/Kg | | 99 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135869/2-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 135854** — **Prep Batch: 135869**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09568 | | mg/Kg | | 96 | 70 - 130 | 1 | 35 |
| Toluene | | | 0.100 | 0.1076 | | mg/Kg | | 108 | 70 - 130 | 3 | 35 |
| Ethylbenzene | | | 0.100 | 0.1035 | | mg/Kg | | 104 | 70 - 130 | 3 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2101 | | mg/Kg | | 105 | 70 - 130 | 2 | 35 |
| o-Xylene | | | 0.100 | 0.1007 | | mg/Kg | | 101 | 70 - 130 | 2 | 35 |

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

**Lab Sample ID: 880-69967-1 MS** — **Client Sample ID: CS-146(4.5')**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 135854** — **Prep Batch: 135869**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.09626 | | mg/Kg | | 96 | 70 - 130 | | |
| Toluene | <0.00200 | U | 0.100 | 0.1061 | | mg/Kg | | 106 | 70 - 130 | | |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69967-1
SDG: Lea County, New Mexico

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

**Lab Sample ID: 880-69967-1 MS**
**Matrix: Solid**
**Analysis Batch: 135854**

**Client Sample ID: CS-146(4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135869**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | <0.00200 | U | 0.100 | 0.1037 | | mg/Kg | | 104 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.2146 | | mg/Kg | | 107 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.100 | 0.1008 | | mg/Kg | | 101 | 70 - 130 |

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

**Lab Sample ID: 880-69967-1 MSD**
**Matrix: Solid**
**Analysis Batch: 135854**

**Client Sample ID: CS-146(4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135869**

| 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 | 0.09629 | | mg/Kg | | 96 | 70 - 130 | 0 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.1044 | | mg/Kg | | 104 | 70 - 130 | 2 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.09873 | | mg/Kg | | 99 | 70 - 130 | 5 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.2000 | | mg/Kg | | 100 | 70 - 130 | 7 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.09419 | | mg/Kg | | 94 | 70 - 130 | 7 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *105* | | *70 - 130* |

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

**Lab Sample ID: MB 880-135828/1-A**
**Matrix: Solid**
**Analysis Batch: 135904**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135828**

| 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 | | 03/24/26 17:54 | 03/25/26 11:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 17:54 | 03/25/26 11:08 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 17:54 | 03/25/26 11:08 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *115* | | *70 - 130* | *03/24/26 17:54* | *03/25/26 11:08* | *1* |
| *o-Terphenyl (Surr)* | *110* | | *70 - 130* | *03/24/26 17:54* | *03/25/26 11:08* | *1* |

**Lab Sample ID: LCS 880-135828/2-A**
**Matrix: Solid**
**Analysis Batch: 135904**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135828**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 908.2 | | mg/Kg | | 91 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 912.3 | | mg/Kg | | 91 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69967-1
SDG: Lea County, New Mexico

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

**Lab Sample ID: LCS 880-135828/2-A**
**Matrix: Solid**
**Analysis Batch: 135904**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135828**

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 76 | | 70 - 130 |
| o-Terphenyl (Surr) | 75 | | 70 - 130 |

**Lab Sample ID: LCSD 880-135828/3-A**
**Matrix: Solid**
**Analysis Batch: 135904**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135828**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 887.7 | | mg/Kg | | 89 | 70 - 130 | 2 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 893.0 | | mg/Kg | | 89 | 70 - 130 | 2 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 80 | | 70 - 130 |
| o-Terphenyl (Surr) | 79 | | 70 - 130 |

**Lab Sample ID: 880-69968-A-1-B MS**
**Matrix: Solid**
**Analysis Batch: 135904**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 135828**

| 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 | 1000 | 1246 | | mg/Kg | | 122 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 1000 | 1065 | | mg/Kg | | 105 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 149 | S1+ | 70 - 130 |
| o-Terphenyl (Surr) | 115 | | 70 - 130 |

**Lab Sample ID: 880-69968-A-1-C MSD**
**Matrix: Solid**
**Analysis Batch: 135904**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 135828**

| 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 | 1000 | 1244 | | mg/Kg | | 122 | 70 - 130 | 0 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 1000 | 1138 | | mg/Kg | | 112 | 70 - 130 | 7 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 119 | | 70 - 130 |
| o-Terphenyl (Surr) | 113 | | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69967-1
SDG: Lea County, New Mexico

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-135859/1-A**
**Matrix: Solid**
**Analysis Batch: 135866**

**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 | | | 03/25/26 10:08 | 1 |

**Lab Sample ID: LCS 880-135859/2-A**
**Matrix: Solid**
**Analysis Batch: 135866**

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

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 237.2 | | mg/Kg | | 95 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-135859/3-A**
**Matrix: Solid**
**Analysis Batch: 135866**

**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 | 237.6 | | mg/Kg | | 95 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-69967-1 MS**
**Matrix: Solid**
**Analysis Batch: 135866**

**Client Sample ID: CS-146(4.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 25.1 | | 250 | 260.9 | | mg/Kg | | 94 | 90 - 110 | | |

**Lab Sample ID: 880-69967-1 MSD**
**Matrix: Solid**
**Analysis Batch: 135866**

**Client Sample ID: CS-146(4.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 25.1 | | 250 | 261.0 | | mg/Kg | | 94 | 90 - 110 | 0 | 20 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69967-1
SDG: Lea County, New Mexico

## GC VOA

### Analysis Batch: 135854

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69967-1 | CS-146(4.5') | Total/NA | Solid | 8021B | 135869 |
| 880-69967-2 | CS-147(4.5') | Total/NA | Solid | 8021B | 135869 |
| 880-69967-3 | CS-148(4.5') | Total/NA | Solid | 8021B | 135869 |
| 880-69967-4 | CS-149(4.5') | Total/NA | Solid | 8021B | 135869 |
| MB 880-135869/5-A | Method Blank | Total/NA | Solid | 8021B | 135869 |
| LCS 880-135869/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 135869 |
| LCSD 880-135869/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 135869 |
| 880-69967-1 MS | CS-146(4.5') | Total/NA | Solid | 8021B | 135869 |
| 880-69967-1 MSD | CS-146(4.5') | Total/NA | Solid | 8021B | 135869 |

### Prep Batch: 135869

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69967-1 | CS-146(4.5') | Total/NA | Solid | 5035 | |
| 880-69967-2 | CS-147(4.5') | Total/NA | Solid | 5035 | |
| 880-69967-3 | CS-148(4.5') | Total/NA | Solid | 5035 | |
| 880-69967-4 | CS-149(4.5') | Total/NA | Solid | 5035 | |
| MB 880-135869/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-135869/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-135869/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-69967-1 MS | CS-146(4.5') | Total/NA | Solid | 5035 | |
| 880-69967-1 MSD | CS-146(4.5') | Total/NA | Solid | 5035 | |

### Analysis Batch: 135931

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69967-1 | CS-146(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69967-2 | CS-147(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69967-3 | CS-148(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69967-4 | CS-149(4.5') | Total/NA | Solid | Total BTEX | |

## GC Semi VOA

### Prep Batch: 135828

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69967-1 | CS-146(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69967-2 | CS-147(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69967-3 | CS-148(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69967-4 | CS-149(4.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-135828/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-135828/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-135828/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-69968-A-1-B MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-69968-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 135904

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69967-1 | CS-146(4.5') | Total/NA | Solid | 8015B NM | 135828 |
| 880-69967-2 | CS-147(4.5') | Total/NA | Solid | 8015B NM | 135828 |
| 880-69967-3 | CS-148(4.5') | Total/NA | Solid | 8015B NM | 135828 |
| 880-69967-4 | CS-149(4.5') | Total/NA | Solid | 8015B NM | 135828 |
| MB 880-135828/1-A | Method Blank | Total/NA | Solid | 8015B NM | 135828 |
| LCS 880-135828/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 135828 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69967-1
SDG: Lea County, New Mexico

## GC Semi VOA (Continued)

### Analysis Batch: 135904 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| LCSD 880-135828/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 135828 |
| 880-69968-A-1-B MS | Matrix Spike | Total/NA | Solid | 8015B NM | 135828 |
| 880-69968-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 135828 |

### Analysis Batch: 135947

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69967-1 | CS-146(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69967-2 | CS-147(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69967-3 | CS-148(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69967-4 | CS-149(4.5') | Total/NA | Solid | 8015 NM | |

## HPLC/IC

### Leach Batch: 135859

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69967-1 | CS-146(4.5') | Soluble | Solid | DI Leach | |
| 880-69967-2 | CS-147(4.5') | Soluble | Solid | DI Leach | |
| 880-69967-3 | CS-148(4.5') | Soluble | Solid | DI Leach | |
| 880-69967-4 | CS-149(4.5') | Soluble | Solid | DI Leach | |
| MB 880-135859/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-135859/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-135859/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-69967-1 MS | CS-146(4.5') | Soluble | Solid | DI Leach | |
| 880-69967-1 MSD | CS-146(4.5') | Soluble | Solid | DI Leach | |

### Analysis Batch: 135866

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69967-1 | CS-146(4.5') | Soluble | Solid | 300.0 | 135859 |
| 880-69967-2 | CS-147(4.5') | Soluble | Solid | 300.0 | 135859 |
| 880-69967-3 | CS-148(4.5') | Soluble | Solid | 300.0 | 135859 |
| 880-69967-4 | CS-149(4.5') | Soluble | Solid | 300.0 | 135859 |
| MB 880-135859/1-A | Method Blank | Soluble | Solid | 300.0 | 135859 |
| LCS 880-135859/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 135859 |
| LCSD 880-135859/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 135859 |
| 880-69967-1 MS | CS-146(4.5') | Soluble | Solid | 300.0 | 135859 |
| 880-69967-1 MSD | CS-146(4.5') | Soluble | Solid | 300.0 | 135859 |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69967-1
SDG: Lea County, New Mexico

## Client Sample ID: CS-146(4.5')

**Lab Sample ID: 880-69967-1**
**Matrix: Solid**
**Date Collected: 03/24/26 00:00**
**Date Received: 03/24/26 13:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135869 | 03/25/26 10:16 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135854 | 03/25/26 10:43 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135931 | 03/25/26 10:43 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135947 | 03/25/26 15:23 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 135828 | 03/25/26 08:55 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135904 | 03/25/26 15:23 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 135859 | 03/25/26 08:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135866 | 03/25/26 10:28 | CS | EET MID |

## Client Sample ID: CS-147(4.5')

**Lab Sample ID: 880-69967-2**
**Matrix: Solid**
**Date Collected: 03/24/26 00:00**
**Date Received: 03/24/26 13:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135869 | 03/25/26 10:16 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135854 | 03/25/26 11:03 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135931 | 03/25/26 11:03 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135947 | 03/25/26 15:39 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135828 | 03/25/26 08:55 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135904 | 03/25/26 15:39 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 135859 | 03/25/26 08:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135866 | 03/25/26 10:48 | CS | EET MID |

## Client Sample ID: CS-148(4.5')

**Lab Sample ID: 880-69967-3**
**Matrix: Solid**
**Date Collected: 03/24/26 00:00**
**Date Received: 03/24/26 13:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135869 | 03/25/26 10:16 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135854 | 03/25/26 11:24 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135931 | 03/25/26 11:24 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135947 | 03/25/26 15:54 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.08 g | 10.00 mL | 135828 | 03/25/26 08:55 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135904 | 03/25/26 15:54 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135859 | 03/25/26 08:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135866 | 03/25/26 10:54 | CS | EET MID |

## Client Sample ID: CS-149(4.5')

**Lab Sample ID: 880-69967-4**
**Matrix: Solid**
**Date Collected: 03/24/26 00:00**
**Date Received: 03/24/26 13:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135869 | 03/25/26 10:16 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135854 | 03/25/26 11:44 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135931 | 03/25/26 11:44 | SA | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69967-1
SDG: Lea County, New Mexico

## Client Sample ID: CS-149(4.5')

**Date Collected: 03/24/26 00:00**
**Date Received: 03/24/26 13:10**

## Lab Sample ID: 880-69967-4

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 135947 | 03/25/26 16:09 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10.00 mL | 135828 | 03/25/26 08:55 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135904 | 03/25/26 16:09 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 135859 | 03/25/26 08:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135866 | 03/25/26 11:01 | 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: Berry 2 (2.16.2026)

Job ID: 880-69967-1
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: Berry 2 (2.16.2026)

Job ID: 880-69967-1
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: Berry 2 (2.16.2026)

Job ID: 880-69967-1
SDG: Lea County, New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 880-69967-1 | CS-146(4.5') | Solid | 03/24/26 00:00 | 03/24/26 13:10 | New Mexico |
| 880-69967-2 | CS-147(4.5') | Solid | 03/24/26 00:00 | 03/24/26 13:10 | New Mexico |
| 880-69967-3 | CS-148(4.5') | Solid | 03/24/26 00:00 | 03/24/26 13:10 | New Mexico |
| 880-69967-4 | CS-149(4.5') | Solid | 03/24/26 00:00 | 03/24/26 13:10 | New Mexico |

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# Chain of Custody

880-69967 Chain of Custody

3/25/2026

Page ___1___ of ___1___

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | ☐ Routine ☑ Rush |
| Project Number: | 3161 | Due Date: | 24 Hour |
| 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: | . |
| Sample Custody Seals: | Yes No (N/A) | Temperature Reading: | 2.9 |
| Total Containers: | | Corrected Temperature: | 3.6 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CS-146 (4.5') | 3/24/2026 | | X | | C | 1 | | X | X | X | | |
| CS-147 (4.5') | 3/24/2026 | | X | | C | 1 | | X | X | X | | |
| CS-148 (4.5') | 3/24/2026 | | X | | C | 1 | | X | X | X | | |
| CS-149 (4.5') | 3/24/2026 | | X | | C | 1 | | X | X | X | | |

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 3/24/26 13:10 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

Revised Date 05012020 Rev. 2020.1



Received by OCD: 4/2/2026 2:29:46 PM

Released to Imaging: 4/15/2026 11:33:06 AM

# Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-69967-1
SDG Number: Lea County, New Mexico

**Login Number: 69967**
**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 3/24/2026 4:48:32 PM

## JOB DESCRIPTION

Berry 2 (02.16.2026)
Lea County New Mexico

## JOB NUMBER

880-69862-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.



Released to Imaging: 4/13/2026 11:55:06 AM

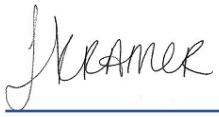
# Eurofins Midland

## 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
3/24/2026 4:48:32 PM

Authorized for release by
Jessica Kramer, Project Manager
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(432)704-5440

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Laboratory Job ID: 880-69862-1
SDG: Lea County New Mexico

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# Definitions/Glossary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

## Qualifiers

### GC VOA

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

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| 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: Berry 2 (02.16.2026)

Job ID: 880-69862-1

## Job ID: 880-69862-1 Eurofins Midland

**Job Narrative**
**880-69862-1**

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 3/19/2026 4:00 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 4.1°C.

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

**Diesel Range Organics**
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: SW - 8 (4.5') (880-69862-8). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: SW - 10 (3.5'-4.5') (880-69862-10). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: SW - 1 (2.0') (880-69862-1), SW - 2 (2.0') (880-69862-2), SW - 3 (2.0') (880-69862-3), SW - 4 (2.0') (880-69862-4), SW - 5 (2.0') (880-69862-5), (880-69861-A-1-G), (880-69861-A-1-H MS) and (880-69861-A-1-I MSD). Evidence of matrix interferences is not obvious.

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

**HPLC/IC**
Method 300.0 - Soluble: The Chloride matrix spike duplicate (MSD) recoveries for preparation batch 880-135465 and analytical batch 880-135494 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

The associated samples are: SW - 1 (2.0') (880-69862-1), SW - 2 (2.0') (880-69862-2), SW - 3 (2.0') (880-69862-3), SW - 4 (2.0') (880-69862-4), SW - 5 (2.0') (880-69862-5), (880-69861-A-11-A) and (880-69861-A-11-C 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: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

## Client Sample ID: SW - 1 (2.0')

**Lab Sample ID: 880-69862-1**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 16:00**

### 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 | | 03/23/26 09:46 | 03/23/26 14:40 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 14:40 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 14:40 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 14:40 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 14:40 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 14:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *109* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 14:40* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 14:40* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 03/23/26 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 | | | 03/24/26 11:29 | 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 | | 03/23/26 12:23 | 03/24/26 11:29 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 11:29 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 11:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *128* | | *70 - 130* | *03/23/26 12:23* | *03/24/26 11:29* | *1* |
| *o-Terphenyl (Surr)* | *149* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 11:29* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 03/21/26 10:36 | 1 |

## Client Sample ID: SW - 2 (2.0')

**Lab Sample ID: 880-69862-2**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 16:00**

### 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 | | 03/23/26 09:46 | 03/23/26 15:00 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 15:00 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 15:00 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 15:00 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 15:00 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 15:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *108* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 15:00* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 15:00* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

## Client Sample ID: SW - 2 (2.0')

**Lab Sample ID: 880-69862-2**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 16:00**

### 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 | | | 03/23/26 15:00 | 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 | | | 03/24/26 11:44 | 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 | | 03/23/26 12:23 | 03/24/26 11:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 11:44 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 11:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *139* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 11:44* | *1* |
| *o-Terphenyl (Surr)* | *173* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 11:44* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 03/21/26 10:48 | 1 |

## Client Sample ID: SW - 3 (2.0')

**Lab Sample ID: 880-69862-3**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 16:00**

### 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 | | 03/23/26 09:46 | 03/23/26 16:35 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 16:35 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 16:35 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 16:35 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 16:35 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 16:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *108* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 16:35* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 16:35* | *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 | | | 03/23/26 16:35 | 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 | | | 03/24/26 11:59 | 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 | | 03/23/26 12:23 | 03/24/26 11:59 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 11:59 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

## Client Sample ID: SW - 3 (2.0')

**Lab Sample ID: 880-69862-3**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 16:00**

### 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 | | 03/23/26 12:23 | 03/24/26 11:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *126* | | *70 - 130* | *03/23/26 12:23* | *03/24/26 11:59* | *1* |
| *o-Terphenyl (Surr)* | *153* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 11:59* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.1 | U | 10.1 | | mg/Kg | | | 03/21/26 11:00 | 1 |

## Client Sample ID: SW - 4 (2.0')

**Lab Sample ID: 880-69862-4**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 16:00**

### 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 | | 03/23/26 09:46 | 03/23/26 16:55 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 16:55 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 16:55 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 16:55 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 16:55 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 16:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 16:55* | *1* |
| *1,4-Difluorobenzene (Surr)* | *88* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 16:55* | *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 | | | 03/23/26 16:55 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 03/24/26 12:14 | 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 | | 03/23/26 12:23 | 03/24/26 12:14 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 12:14 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 12:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *131* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 12:14* | *1* |
| *o-Terphenyl (Surr)* | *163* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 12:14* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.1 | U | 10.1 | | mg/Kg | | | 03/21/26 11:12 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

## Client Sample ID: SW - 5 (2.0')

**Lab Sample ID: 880-69862-5**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 16:00**

### 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 | | 03/23/26 09:46 | 03/23/26 17:15 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 17:15 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 17:15 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 17:15 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 17:15 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 17:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 17:15* | *1* |
| *1,4-Difluorobenzene (Surr)* | *87* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 17:15* | *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 | | | 03/23/26 17:15 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 03/24/26 12:29 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 12:29 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 12:29 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 12:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *131* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 12:29* | *1* |
| *o-Terphenyl (Surr)* | *173* | *S1+* | *70 - 130* | *03/23/26 12:23* | *03/24/26 12:29* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 03/21/26 11:24 | 1 |

## Client Sample ID: SW - 6 (2.0'-4.5')

**Lab Sample ID: 880-69862-6**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 16:00**

### 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 | | 03/23/26 09:46 | 03/23/26 17:36 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 17:36 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 17:36 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 17:36 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 17:36 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 17:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *112* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 17:36* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 17:36* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

## Client Sample ID: SW - 6 (2.0'-4.5')

**Lab Sample ID: 880-69862-6**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 16:00**

### 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 | | | 03/23/26 17:36 | 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 | | | 03/23/26 19:26 | 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 | | 03/23/26 12:25 | 03/23/26 19:26 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:25 | 03/23/26 19:26 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:25 | 03/23/26 19:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *129* | | *70 - 130* | *03/23/26 12:25* | *03/23/26 19:26* | *1* |
| *o-Terphenyl (Surr)* | *116* | | *70 - 130* | *03/23/26 12:25* | *03/23/26 19:26* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **15.9** | | 10.1 | | mg/Kg | | | 03/20/26 10:28 | 1 |

## Client Sample ID: SW - 7 (4.5')

**Lab Sample ID: 880-69862-7**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 16:00**

### 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 | | 03/23/26 09:46 | 03/23/26 17:56 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 17:56 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 17:56 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 17:56 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 17:56 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 17:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 17:56* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 17:56* | *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 | | | 03/23/26 17:56 | 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 | | | 03/23/26 20:10 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:25 | 03/23/26 20:10 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:25 | 03/23/26 20:10 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

## Client Sample ID: SW - 7 (4.5')

**Lab Sample ID: 880-69862-7**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 16:00**

### 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 | | 03/23/26 12:25 | 03/23/26 20:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *128* | | *70 - 130* | *03/23/26 12:25* | *03/23/26 20:10* | *1* |
| *o-Terphenyl (Surr)* | *124* | | *70 - 130* | *03/23/26 12:25* | *03/23/26 20:10* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <9.98 | U | 9.98 | | mg/Kg | | | 03/20/26 10:48 | 1 |

## Client Sample ID: SW - 8 (4.5')

**Lab Sample ID: 880-69862-8**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 16:00**

### 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 | | 03/23/26 09:46 | 03/23/26 18:17 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 18:17 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 18:17 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 18:17 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 18:17 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 18:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *113* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 18:17* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 18:17* | *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 | | | 03/23/26 18:17 | 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 | | | 03/23/26 20:25 | 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 | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:25 | 03/23/26 20:25 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:25 | 03/23/26 20:25 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:25 | 03/23/26 20:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *137* | *S1+* | *70 - 130* | *03/23/26 12:25* | *03/23/26 20:25* | *1* |
| *o-Terphenyl (Surr)* | *127* | | *70 - 130* | *03/23/26 12:25* | *03/23/26 20:25* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <9.90 | U | 9.90 | | mg/Kg | | | 03/20/26 10:54 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

## Client Sample ID: SW - 9 (4.5')

**Lab Sample ID: 880-69862-9**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 16:00**

### 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 | | 03/23/26 09:46 | 03/23/26 18:37 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 18:37 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 18:37 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 18:37 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 18:37 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 18:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 18:37* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 18:37* | *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 | | | 03/23/26 18:37 | 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 | | | 03/23/26 20:41 | 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 | | 03/23/26 12:25 | 03/23/26 20:41 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:25 | 03/23/26 20:41 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:25 | 03/23/26 20:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *113* | | *70 - 130* | *03/23/26 12:25* | *03/23/26 20:41* | *1* |
| *o-Terphenyl (Surr)* | *110* | | *70 - 130* | *03/23/26 12:25* | *03/23/26 20:41* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **43.8** | | 10.1 | | mg/Kg | | | 03/20/26 11:01 | 1 |

## Client Sample ID: SW - 10 (3.5'-4.5')

**Lab Sample ID: 880-69862-10**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 16:00**

### 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 | | 03/23/26 09:46 | 03/23/26 18:58 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 18:58 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 18:58 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 18:58 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 18:58 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 18:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *108* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 18:58* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 18:58* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

## Client Sample ID: SW - 10 (3.5'-4.5')

**Lab Sample ID: 880-69862-10**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 16:00**

### 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 | | | 03/23/26 18:58 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 03/23/26 20:55 | 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 | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:25 | 03/23/26 20:55 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:25 | 03/23/26 20:55 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:25 | 03/23/26 20:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *145* | *S1+* | *70 - 130* | *03/23/26 12:25* | *03/23/26 20:55* | *1* |
| *o-Terphenyl (Surr)* | *138* | *S1+* | *70 - 130* | *03/23/26 12:25* | *03/23/26 20:55* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **37.6** | | 10.1 | | mg/Kg | | | 03/20/26 11:07 | 1 |

## Client Sample ID: SW - 11 (4.5')

**Lab Sample ID: 880-69862-11**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 16:00**

### 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 | | 03/23/26 09:46 | 03/23/26 19:18 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 19:18 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 19:18 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 19:18 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 19:18 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 19:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *109* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 19:18* | *1* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 19:18* | *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 | | | 03/23/26 19:18 | 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 | | | 03/23/26 21:11 | 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 | | 03/23/26 12:25 | 03/23/26 21:11 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:25 | 03/23/26 21:11 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

## Client Sample ID: SW - 11 (4.5')

**Lab Sample ID: 880-69862-11**
**Date Collected: 03/19/26 00:00**
**Matrix: Solid**
**Date Received: 03/19/26 16:00**

### 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 | | 03/23/26 12:25 | 03/23/26 21:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *127* | | *70 - 130* | *03/23/26 12:25* | *03/23/26 21:11* | *1* |
| *o-Terphenyl (Surr)* | *121* | | *70 - 130* | *03/23/26 12:25* | *03/23/26 21:11* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **30.9** | | 10.0 | | mg/Kg | | | 03/20/26 11:14 | 1 |

## Client Sample ID: SW - 12 (4.5')

**Lab Sample ID: 880-69862-12**
**Date Collected: 03/19/26 00:00**
**Matrix: Solid**
**Date Received: 03/19/26 16:00**

### 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 | | 03/23/26 09:46 | 03/23/26 19:39 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 19:39 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 19:39 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 19:39 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 19:39 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 19:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *108* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 19:39* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 19:39* | *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 | | | 03/23/26 19:39 | 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 | | | 03/23/26 21:26 | 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 | | 03/23/26 12:25 | 03/23/26 21:26 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:25 | 03/23/26 21:26 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:25 | 03/23/26 21:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *116* | | *70 - 130* | *03/23/26 12:25* | *03/23/26 21:26* | *1* |
| *o-Terphenyl (Surr)* | *108* | | *70 - 130* | *03/23/26 12:25* | *03/23/26 21:26* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **18.6** | | 10.0 | | mg/Kg | | | 03/20/26 11:21 | 1 |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
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) |
| 880-69862-1 | SW - 1 (2.0') | 109 | 99 |
| 880-69862-2 | SW - 2 (2.0') | 108 | 103 |
| 880-69862-3 | SW - 3 (2.0') | 108 | 103 |
| 880-69862-4 | SW - 4 (2.0') | 103 | 88 |
| 880-69862-5 | SW - 5 (2.0') | 98 | 87 |
| 880-69862-6 | SW - 6 (2.0'-4.5') | 112 | 101 |
| 880-69862-7 | SW - 7 (4.5') | 110 | 99 |
| 880-69862-8 | SW - 8 (4.5') | 113 | 99 |
| 880-69862-9 | SW - 9 (4.5') | 100 | 100 |
| 880-69862-10 | SW - 10 (3.5'-4.5') | 108 | 101 |
| 880-69862-11 | SW - 11 (4.5') | 109 | 102 |
| 880-69862-12 | SW - 12 (4.5') | 108 | 99 |
| 880-69863-A-1-B MS | Matrix Spike | 105 | 99 |
| 880-69863-A-1-C MSD | Matrix Spike Duplicate | 99 | 100 |
| LCS 880-135608/1-A | Lab Control Sample | 110 | 98 |
| LCSD 880-135608/2-A | Lab Control Sample Dup | 107 | 96 |
| MB 880-135608/5-A | Method Blank | 105 | 95 |

**Surrogate Legend**

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

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| Lab Sample ID | Client Sample ID | 1CO1 (70-130) | OTPH1 (70-130) |
| 880-69861-A-1-H MS | Matrix Spike | 156 S1+ | 135 S1+ |
| 880-69861-A-1-I MSD | Matrix Spike Duplicate | 160 S1+ | 132 S1+ |
| 880-69862-1 | SW - 1 (2.0') | 128 | 149 S1+ |
| 880-69862-2 | SW - 2 (2.0') | 139 S1+ | 173 S1+ |
| 880-69862-3 | SW - 3 (2.0') | 126 | 153 S1+ |
| 880-69862-4 | SW - 4 (2.0') | 131 S1+ | 163 S1+ |
| 880-69862-5 | SW - 5 (2.0') | 131 S1+ | 173 S1+ |
| 880-69862-6 | SW - 6 (2.0'-4.5') | 129 | 116 |
| 880-69862-6 MS | SW - 6 (2.0'-4.5') | 119 | 108 |
| 880-69862-6 MSD | SW - 6 (2.0'-4.5') | 120 | 110 |
| 880-69862-7 | SW - 7 (4.5') | 128 | 124 |
| 880-69862-8 | SW - 8 (4.5') | 137 S1+ | 127 |
| 880-69862-9 | SW - 9 (4.5') | 113 | 110 |
| 880-69862-10 | SW - 10 (3.5'-4.5') | 145 S1+ | 138 S1+ |
| 880-69862-11 | SW - 11 (4.5') | 127 | 121 |
| 880-69862-12 | SW - 12 (4.5') | 116 | 108 |
| LCS 880-135645/2-A | Lab Control Sample | 92 | 108 |
| LCS 880-135646/2-A | Lab Control Sample | 82 | 80 |
| LCSD 880-135645/3-A | Lab Control Sample Dup | 90 | 89 |
| LCSD 880-135646/3-A | Lab Control Sample Dup | 85 | 82 |
| MB 880-135645/1-A | Method Blank | 104 | 98 |
| MB 880-135646/1-A | Method Blank | 114 | 103 |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

**Surrogate Legend**

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

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

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

**Lab Sample ID: MB 880-135608/5-A**
**Matrix: Solid**
**Analysis Batch: 135598**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135608**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 11:35 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 11:35 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 11:35 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 11:35 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 11:35 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 11:35 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *105* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 11:35* | *1* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 11:35* | *1* |

**Lab Sample ID: LCS 880-135608/1-A**
**Matrix: Solid**
**Analysis Batch: 135598**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135608**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1075 | | mg/Kg | | 108 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.1000 | | mg/Kg | | 100 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1076 | | mg/Kg | | 108 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2292 | | mg/Kg | | 115 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1138 | | mg/Kg | | 114 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135608/2-A**
**Matrix: Solid**
**Analysis Batch: 135598**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135608**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1057 | | mg/Kg | | 106 | 70 - 130 | 2 | 35 |
| Toluene | | | 0.100 | 0.09815 | | mg/Kg | | 98 | 70 - 130 | 2 | 35 |
| Ethylbenzene | | | 0.100 | 0.1058 | | mg/Kg | | 106 | 70 - 130 | 2 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2259 | | mg/Kg | | 113 | 70 - 130 | 1 | 35 |
| o-Xylene | | | 0.100 | 0.1125 | | mg/Kg | | 113 | 70 - 130 | 1 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* |

**Lab Sample ID: 880-69863-A-1-B MS**
**Matrix: Solid**
**Analysis Batch: 135598**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 135608**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.08580 | | mg/Kg | | 86 | 70 - 130 | | |
| Toluene | <0.00200 | U | 0.100 | 0.08043 | | mg/Kg | | 80 | 70 - 130 | | |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 880-69863-A-1-B MS**
**Matrix: Solid**
**Analysis Batch: 135598**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 135608**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | <0.00200 | U | 0.100 | 0.08724 | | mg/Kg | | 87 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1850 | | mg/Kg | | 92 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.100 | 0.09216 | | mg/Kg | | 92 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *105* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* |

**Lab Sample ID: 880-69863-A-1-C MSD**
**Matrix: Solid**
**Analysis Batch: 135598**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 135608**

| 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 | 0.09652 | | mg/Kg | | 97 | 70 - 130 | 12 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.08722 | | mg/Kg | | 87 | 70 - 130 | 8 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.09357 | | mg/Kg | | 94 | 70 - 130 | 7 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1959 | | mg/Kg | | 98 | 70 - 130 | 6 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.09699 | | mg/Kg | | 97 | 70 - 130 | 5 | 35 |

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

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

**Lab Sample ID: MB 880-135645/1-A**
**Matrix: Solid**
**Analysis Batch: 135626**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135645**

| 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 | | 03/23/26 12:23 | 03/24/26 01:42 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 01:42 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:23 | 03/24/26 01:42 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *104* | | *70 - 130* | *03/23/26 12:23* | *03/24/26 01:42* | *1* |
| *o-Terphenyl (Surr)* | *98* | | *70 - 130* | *03/23/26 12:23* | *03/24/26 01:42* | *1* |

**Lab Sample ID: LCS 880-135645/2-A**
**Matrix: Solid**
**Analysis Batch: 135626**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135645**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 942.9 | | mg/Kg | | 94 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 936.5 | | mg/Kg | | 94 | 70 - 130 |

Eurofins Midland

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

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

**Lab Sample ID: LCS 880-135645/2-A**
**Matrix: Solid**
**Analysis Batch: 135626**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135645**

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 92 | | 70 - 130 |
| o-Terphenyl (Surr) | 108 | | 70 - 130 |

**Lab Sample ID: LCSD 880-135645/3-A**
**Matrix: Solid**
**Analysis Batch: 135626**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135645**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 954.3 | | mg/Kg | | 95 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 847.9 | | mg/Kg | | 85 | 70 - 130 | 10 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 90 | | 70 - 130 |
| o-Terphenyl (Surr) | 89 | | 70 - 130 |

**Lab Sample ID: 880-69861-A-1-H MS**
**Matrix: Solid**
**Analysis Batch: 135626**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 135645**

| 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 | 1138 | | mg/Kg | | 114 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 1000 | 1024 | | mg/Kg | | 102 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 156 | S1+ | 70 - 130 |
| o-Terphenyl (Surr) | 135 | S1+ | 70 - 130 |

**Lab Sample ID: 880-69861-A-1-I MSD**
**Matrix: Solid**
**Analysis Batch: 135626**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 135645**

| 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 | 1181 | | mg/Kg | | 118 | 70 - 130 | 4 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 1000 | 1021 | | mg/Kg | | 102 | 70 - 130 | 0 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 160 | S1+ | 70 - 130 |
| o-Terphenyl (Surr) | 132 | S1+ | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

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

**Lab Sample ID: MB 880-135646/1-A**
**Matrix: Solid**
**Analysis Batch: 135628**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135646**

| 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 | | 03/23/26 12:25 | 03/23/26 18:23 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:25 | 03/23/26 18:23 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:25 | 03/23/26 18:23 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *114* | | *70 - 130* | *03/23/26 12:25* | *03/23/26 18:23* | *1* |
| *o-Terphenyl (Surr)* | *103* | | *70 - 130* | *03/23/26 12:25* | *03/23/26 18:23* | *1* |

**Lab Sample ID: LCS 880-135646/2-A**
**Matrix: Solid**
**Analysis Batch: 135628**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135646**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 987.2 | | mg/Kg | | 99 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 932.3 | | mg/Kg | | 93 | 70 - 130 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *82* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *80* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135646/3-A**
**Matrix: Solid**
**Analysis Batch: 135628**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135646**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 1064 | | mg/Kg | | 106 | 70 - 130 | 7 | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 957.4 | | mg/Kg | | 96 | 70 - 130 | 3 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *85* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *82* | | *70 - 130* |

**Lab Sample ID: 880-69862-6 MS**
**Matrix: Solid**
**Analysis Batch: 135628**

**Client Sample ID: SW - 6 (2.0'-4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135646**

| 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 | 1055 | | mg/Kg | | 104 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 997 | 952.0 | | mg/Kg | | 94 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 880-69862-6 MS**
**Matrix: Solid**
**Analysis Batch: 135628**

**Client Sample ID: SW - 6 (2.0'-4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135646**

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 119 | | 70 - 130 |
| o-Terphenyl (Surr) | 108 | | 70 - 130 |

**Lab Sample ID: 880-69862-6 MSD**
**Matrix: Solid**
**Analysis Batch: 135628**

**Client Sample ID: SW - 6 (2.0'-4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135646**

| 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 | 1008 | | mg/Kg | | 99 | 70 - 130 | 5 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 997 | 926.0 | | mg/Kg | | 91 | 70 - 130 | 3 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 120 | | 70 - 130 |
| o-Terphenyl (Surr) | 110 | | 70 - 130 |

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-135469/1-A**
**Matrix: Solid**
**Analysis Batch: 135481**

**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 | | | 03/20/26 09:02 | 1 |

**Lab Sample ID: LCS 880-135469/2-A**
**Matrix: Solid**
**Analysis Batch: 135481**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 226.1 | | mg/Kg | | 90 | 90 - 110 |

**Lab Sample ID: LCSD 880-135469/3-A**
**Matrix: Solid**
**Analysis Batch: 135481**

**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 | 226.9 | | mg/Kg | | 91 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-69862-12 MS**
**Matrix: Solid**
**Analysis Batch: 135481**

**Client Sample ID: SW - 12 (4.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 18.6 | | 251 | 248.8 | | mg/Kg | | 92 | 90 - 110 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 880-69862-12 MSD** — **Client Sample ID: SW - 12 (4.5')**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 135481**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 18.6 | | 251 | 247.9 | | mg/Kg | | 92 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-135465/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 135494**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 03/21/26 05:27 | 1 |

**Lab Sample ID: LCS 880-135465/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 135494**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 275.0 | | mg/Kg | | 110 | 90 - 110 |

**Lab Sample ID: LCSD 880-135465/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 135494**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 250 | 269.7 | | mg/Kg | | 108 | 90 - 110 | 2 | 20 |

**Lab Sample ID: 880-69861-A-11-B MS** — **Client Sample ID: Matrix Spike**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 135494**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 16.3 | F1 | 252 | 294.2 | | mg/Kg | | 110 | 90 - 110 |

**Lab Sample ID: 880-69861-A-11-C MSD** — **Client Sample ID: Matrix Spike Duplicate**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 135494**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 16.3 | F1 | 252 | 294.6 | F1 | mg/Kg | | 111 | 90 - 110 | 0 | 20 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

## GC VOA

### Analysis Batch: 135598

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69862-1 | SW - 1 (2.0') | Total/NA | Solid | 8021B | 135608 |
| 880-69862-2 | SW - 2 (2.0') | Total/NA | Solid | 8021B | 135608 |
| 880-69862-3 | SW - 3 (2.0') | Total/NA | Solid | 8021B | 135608 |
| 880-69862-4 | SW - 4 (2.0') | Total/NA | Solid | 8021B | 135608 |
| 880-69862-5 | SW - 5 (2.0') | Total/NA | Solid | 8021B | 135608 |
| 880-69862-6 | SW - 6 (2.0'-4.5') | Total/NA | Solid | 8021B | 135608 |
| 880-69862-7 | SW - 7 (4.5') | Total/NA | Solid | 8021B | 135608 |
| 880-69862-8 | SW - 8 (4.5') | Total/NA | Solid | 8021B | 135608 |
| 880-69862-9 | SW - 9 (4.5') | Total/NA | Solid | 8021B | 135608 |
| 880-69862-10 | SW - 10 (3.5'-4.5') | Total/NA | Solid | 8021B | 135608 |
| 880-69862-11 | SW - 11 (4.5') | Total/NA | Solid | 8021B | 135608 |
| 880-69862-12 | SW - 12 (4.5') | Total/NA | Solid | 8021B | 135608 |
| MB 880-135608/5-A | Method Blank | Total/NA | Solid | 8021B | 135608 |
| LCS 880-135608/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 135608 |
| LCSD 880-135608/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 135608 |
| 880-69863-A-1-B MS | Matrix Spike | Total/NA | Solid | 8021B | 135608 |
| 880-69863-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 135608 |

### Prep Batch: 135608

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69862-1 | SW - 1 (2.0') | Total/NA | Solid | 5035 | |
| 880-69862-2 | SW - 2 (2.0') | Total/NA | Solid | 5035 | |
| 880-69862-3 | SW - 3 (2.0') | Total/NA | Solid | 5035 | |
| 880-69862-4 | SW - 4 (2.0') | Total/NA | Solid | 5035 | |
| 880-69862-5 | SW - 5 (2.0') | Total/NA | Solid | 5035 | |
| 880-69862-6 | SW - 6 (2.0'-4.5') | Total/NA | Solid | 5035 | |
| 880-69862-7 | SW - 7 (4.5') | Total/NA | Solid | 5035 | |
| 880-69862-8 | SW - 8 (4.5') | Total/NA | Solid | 5035 | |
| 880-69862-9 | SW - 9 (4.5') | Total/NA | Solid | 5035 | |
| 880-69862-10 | SW - 10 (3.5'-4.5') | Total/NA | Solid | 5035 | |
| 880-69862-11 | SW - 11 (4.5') | Total/NA | Solid | 5035 | |
| 880-69862-12 | SW - 12 (4.5') | Total/NA | Solid | 5035 | |
| MB 880-135608/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-135608/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-135608/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-69863-A-1-B MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-69863-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

### Analysis Batch: 135718

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69862-1 | SW - 1 (2.0') | Total/NA | Solid | Total BTEX | |
| 880-69862-2 | SW - 2 (2.0') | Total/NA | Solid | Total BTEX | |
| 880-69862-3 | SW - 3 (2.0') | Total/NA | Solid | Total BTEX | |
| 880-69862-4 | SW - 4 (2.0') | Total/NA | Solid | Total BTEX | |
| 880-69862-5 | SW - 5 (2.0') | Total/NA | Solid | Total BTEX | |
| 880-69862-6 | SW - 6 (2.0'-4.5') | Total/NA | Solid | Total BTEX | |
| 880-69862-7 | SW - 7 (4.5') | Total/NA | Solid | Total BTEX | |
| 880-69862-8 | SW - 8 (4.5') | Total/NA | Solid | Total BTEX | |
| 880-69862-9 | SW - 9 (4.5') | Total/NA | Solid | Total BTEX | |
| 880-69862-10 | SW - 10 (3.5'-4.5') | Total/NA | Solid | Total BTEX | |
| 880-69862-11 | SW - 11 (4.5') | Total/NA | Solid | Total BTEX | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

## GC VOA (Continued)

### Analysis Batch: 135718 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69862-12 | SW - 12 (4.5') | Total/NA | Solid | Total BTEX | |

## GC Semi VOA

### Analysis Batch: 135626

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69862-1 | SW - 1 (2.0') | Total/NA | Solid | 8015B NM | 135645 |
| 880-69862-2 | SW - 2 (2.0') | Total/NA | Solid | 8015B NM | 135645 |
| 880-69862-3 | SW - 3 (2.0') | Total/NA | Solid | 8015B NM | 135645 |
| 880-69862-4 | SW - 4 (2.0') | Total/NA | Solid | 8015B NM | 135645 |
| 880-69862-5 | SW - 5 (2.0') | Total/NA | Solid | 8015B NM | 135645 |
| MB 880-135645/1-A | Method Blank | Total/NA | Solid | 8015B NM | 135645 |
| LCS 880-135645/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 135645 |
| LCSD 880-135645/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 135645 |
| 880-69861-A-1-H MS | Matrix Spike | Total/NA | Solid | 8015B NM | 135645 |
| 880-69861-A-1-I MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 135645 |

### Analysis Batch: 135628

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69862-6 | SW - 6 (2.0'-4.5') | Total/NA | Solid | 8015B NM | 135646 |
| 880-69862-7 | SW - 7 (4.5') | Total/NA | Solid | 8015B NM | 135646 |
| 880-69862-8 | SW - 8 (4.5') | Total/NA | Solid | 8015B NM | 135646 |
| 880-69862-9 | SW - 9 (4.5') | Total/NA | Solid | 8015B NM | 135646 |
| 880-69862-10 | SW - 10 (3.5'-4.5') | Total/NA | Solid | 8015B NM | 135646 |
| 880-69862-11 | SW - 11 (4.5') | Total/NA | Solid | 8015B NM | 135646 |
| 880-69862-12 | SW - 12 (4.5') | Total/NA | Solid | 8015B NM | 135646 |
| MB 880-135646/1-A | Method Blank | Total/NA | Solid | 8015B NM | 135646 |
| LCS 880-135646/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 135646 |
| LCSD 880-135646/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 135646 |
| 880-69862-6 MS | SW - 6 (2.0'-4.5') | Total/NA | Solid | 8015B NM | 135646 |
| 880-69862-6 MSD | SW - 6 (2.0'-4.5') | Total/NA | Solid | 8015B NM | 135646 |

### Prep Batch: 135645

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69862-1 | SW - 1 (2.0') | Total/NA | Solid | 8015NM Prep | |
| 880-69862-2 | SW - 2 (2.0') | Total/NA | Solid | 8015NM Prep | |
| 880-69862-3 | SW - 3 (2.0') | Total/NA | Solid | 8015NM Prep | |
| 880-69862-4 | SW - 4 (2.0') | Total/NA | Solid | 8015NM Prep | |
| 880-69862-5 | SW - 5 (2.0') | Total/NA | Solid | 8015NM Prep | |
| MB 880-135645/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-135645/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-135645/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-69861-A-1-H MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-69861-A-1-I MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 135646

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69862-6 | SW - 6 (2.0'-4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69862-7 | SW - 7 (4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69862-8 | SW - 8 (4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69862-9 | SW - 9 (4.5') | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

## GC Semi VOA (Continued)

### Prep Batch: 135646 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69862-10 | SW - 10 (3.5'-4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69862-11 | SW - 11 (4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69862-12 | SW - 12 (4.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-135646/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-135646/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-135646/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-69862-6 MS | SW - 6 (2.0'-4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69862-6 MSD | SW - 6 (2.0'-4.5') | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 135761

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69862-1 | SW - 1 (2.0') | Total/NA | Solid | 8015 NM | |
| 880-69862-2 | SW - 2 (2.0') | Total/NA | Solid | 8015 NM | |
| 880-69862-3 | SW - 3 (2.0') | Total/NA | Solid | 8015 NM | |
| 880-69862-4 | SW - 4 (2.0') | Total/NA | Solid | 8015 NM | |
| 880-69862-5 | SW - 5 (2.0') | Total/NA | Solid | 8015 NM | |
| 880-69862-6 | SW - 6 (2.0'-4.5') | Total/NA | Solid | 8015 NM | |
| 880-69862-7 | SW - 7 (4.5') | Total/NA | Solid | 8015 NM | |
| 880-69862-8 | SW - 8 (4.5') | Total/NA | Solid | 8015 NM | |
| 880-69862-9 | SW - 9 (4.5') | Total/NA | Solid | 8015 NM | |
| 880-69862-10 | SW - 10 (3.5'-4.5') | Total/NA | Solid | 8015 NM | |
| 880-69862-11 | SW - 11 (4.5') | Total/NA | Solid | 8015 NM | |
| 880-69862-12 | SW - 12 (4.5') | Total/NA | Solid | 8015 NM | |

## HPLC/IC

### Leach Batch: 135465

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69862-1 | SW - 1 (2.0') | Soluble | Solid | DI Leach | |
| 880-69862-2 | SW - 2 (2.0') | Soluble | Solid | DI Leach | |
| 880-69862-3 | SW - 3 (2.0') | Soluble | Solid | DI Leach | |
| 880-69862-4 | SW - 4 (2.0') | Soluble | Solid | DI Leach | |
| 880-69862-5 | SW - 5 (2.0') | Soluble | Solid | DI Leach | |
| MB 880-135465/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-135465/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-135465/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-69861-A-11-B MS | Matrix Spike | Soluble | Solid | DI Leach | |
| 880-69861-A-11-C MSD | Matrix Spike Duplicate | Soluble | Solid | DI Leach | |

### Leach Batch: 135469

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69862-6 | SW - 6 (2.0'-4.5') | Soluble | Solid | DI Leach | |
| 880-69862-7 | SW - 7 (4.5') | Soluble | Solid | DI Leach | |
| 880-69862-8 | SW - 8 (4.5') | Soluble | Solid | DI Leach | |
| 880-69862-9 | SW - 9 (4.5') | Soluble | Solid | DI Leach | |
| 880-69862-10 | SW - 10 (3.5'-4.5') | Soluble | Solid | DI Leach | |
| 880-69862-11 | SW - 11 (4.5') | Soluble | Solid | DI Leach | |
| 880-69862-12 | SW - 12 (4.5') | Soluble | Solid | DI Leach | |
| MB 880-135469/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-135469/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-135469/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

## HPLC/IC (Continued)

### Leach Batch: 135469 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69862-12 MS | SW - 12 (4.5') | Soluble | Solid | DI Leach | |
| 880-69862-12 MSD | SW - 12 (4.5') | Soluble | Solid | DI Leach | |

### Analysis Batch: 135481

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69862-6 | SW - 6 (2.0'-4.5') | Soluble | Solid | 300.0 | 135469 |
| 880-69862-7 | SW - 7 (4.5') | Soluble | Solid | 300.0 | 135469 |
| 880-69862-8 | SW - 8 (4.5') | Soluble | Solid | 300.0 | 135469 |
| 880-69862-9 | SW - 9 (4.5') | Soluble | Solid | 300.0 | 135469 |
| 880-69862-10 | SW - 10 (3.5'-4.5') | Soluble | Solid | 300.0 | 135469 |
| 880-69862-11 | SW - 11 (4.5') | Soluble | Solid | 300.0 | 135469 |
| 880-69862-12 | SW - 12 (4.5') | Soluble | Solid | 300.0 | 135469 |
| MB 880-135469/1-A | Method Blank | Soluble | Solid | 300.0 | 135469 |
| LCS 880-135469/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 135469 |
| LCSD 880-135469/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 135469 |
| 880-69862-12 MS | SW - 12 (4.5') | Soluble | Solid | 300.0 | 135469 |
| 880-69862-12 MSD | SW - 12 (4.5') | Soluble | Solid | 300.0 | 135469 |

### Analysis Batch: 135494

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69862-1 | SW - 1 (2.0') | Soluble | Solid | 300.0 | 135465 |
| 880-69862-2 | SW - 2 (2.0') | Soluble | Solid | 300.0 | 135465 |
| 880-69862-3 | SW - 3 (2.0') | Soluble | Solid | 300.0 | 135465 |
| 880-69862-4 | SW - 4 (2.0') | Soluble | Solid | 300.0 | 135465 |
| 880-69862-5 | SW - 5 (2.0') | Soluble | Solid | 300.0 | 135465 |
| MB 880-135465/1-A | Method Blank | Soluble | Solid | 300.0 | 135465 |
| LCS 880-135465/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 135465 |
| LCSD 880-135465/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 135465 |
| 880-69861-A-11-B MS | Matrix Spike | Soluble | Solid | 300.0 | 135465 |
| 880-69861-A-11-C MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 135465 |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

## Client Sample ID: SW - 1 (2.0')

**Lab Sample ID: 880-69862-1**
**Date Collected: 03/19/26 00:00**
**Matrix: Solid**
**Date Received: 03/19/26 16:00**

| 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 | 135608 | 03/23/26 09:46 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135598 | 03/23/26 14:40 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135718 | 03/23/26 14:40 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135761 | 03/24/26 11:29 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135645 | 03/23/26 12:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135626 | 03/24/26 11:29 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 135465 | 03/20/26 08:19 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135494 | 03/21/26 10:36 | SMC | EET MID |

## Client Sample ID: SW - 2 (2.0')

**Lab Sample ID: 880-69862-2**
**Date Collected: 03/19/26 00:00**
**Matrix: Solid**
**Date Received: 03/19/26 16:00**

| 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 | 135608 | 03/23/26 09:46 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135598 | 03/23/26 15:00 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135718 | 03/23/26 15:00 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135761 | 03/24/26 11:44 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135645 | 03/23/26 12:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135626 | 03/24/26 11:44 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 135465 | 03/20/26 08:19 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135494 | 03/21/26 10:48 | SMC | EET MID |

## Client Sample ID: SW - 3 (2.0')

**Lab Sample ID: 880-69862-3**
**Date Collected: 03/19/26 00:00**
**Matrix: Solid**
**Date Received: 03/19/26 16:00**

| 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 | 135608 | 03/23/26 09:46 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135598 | 03/23/26 16:35 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135718 | 03/23/26 16:35 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135761 | 03/24/26 11:59 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135645 | 03/23/26 12:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135626 | 03/24/26 11:59 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 135465 | 03/20/26 08:19 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135494 | 03/21/26 11:00 | SMC | EET MID |

## Client Sample ID: SW - 4 (2.0')

**Lab Sample ID: 880-69862-4**
**Date Collected: 03/19/26 00:00**
**Matrix: Solid**
**Date Received: 03/19/26 16:00**

| 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 | 135608 | 03/23/26 09:46 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135598 | 03/23/26 16:55 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135718 | 03/23/26 16:55 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

## Client Sample ID: SW - 4 (2.0')

**Lab Sample ID: 880-69862-4**
**Date Collected: 03/19/26 00:00**
**Matrix: Solid**
**Date Received: 03/19/26 16:00**

| 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 | | | 135761 | 03/24/26 12:14 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135645 | 03/23/26 12:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135626 | 03/24/26 12:14 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 135465 | 03/20/26 08:19 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135494 | 03/21/26 11:12 | SMC | EET MID |

## Client Sample ID: SW - 5 (2.0')

**Lab Sample ID: 880-69862-5**
**Date Collected: 03/19/26 00:00**
**Matrix: Solid**
**Date Received: 03/19/26 16:00**

| 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 | 135608 | 03/23/26 09:46 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135598 | 03/23/26 17:15 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135718 | 03/23/26 17:15 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135761 | 03/24/26 12:29 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 135645 | 03/23/26 12:23 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135626 | 03/24/26 12:29 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 135465 | 03/20/26 08:19 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135494 | 03/21/26 11:24 | SMC | EET MID |

## Client Sample ID: SW - 6 (2.0'-4.5')

**Lab Sample ID: 880-69862-6**
**Date Collected: 03/19/26 00:00**
**Matrix: Solid**
**Date Received: 03/19/26 16:00**

| 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 | 135608 | 03/23/26 09:46 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135598 | 03/23/26 17:36 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135718 | 03/23/26 17:36 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135761 | 03/23/26 19:26 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135646 | 03/23/26 12:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135628 | 03/23/26 19:26 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 135469 | 03/20/26 08:23 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135481 | 03/20/26 10:28 | CS | EET MID |

## Client Sample ID: SW - 7 (4.5')

**Lab Sample ID: 880-69862-7**
**Date Collected: 03/19/26 00:00**
**Matrix: Solid**
**Date Received: 03/19/26 16:00**

| 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 | 135608 | 03/23/26 09:46 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135598 | 03/23/26 17:56 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135718 | 03/23/26 17:56 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135761 | 03/23/26 20:10 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135646 | 03/23/26 12:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135628 | 03/23/26 20:10 | FC | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

## Client Sample ID: SW - 7 (4.5')

**Lab Sample ID: 880-69862-7**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 16:00**

| 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 | 135469 | 03/20/26 08:23 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135481 | 03/20/26 10:48 | CS | EET MID |

## Client Sample ID: SW - 8 (4.5')

**Lab Sample ID: 880-69862-8**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 16:00**

| 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 | 135608 | 03/23/26 09:46 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135598 | 03/23/26 18:17 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135718 | 03/23/26 18:17 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135761 | 03/23/26 20:25 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 135646 | 03/23/26 12:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135628 | 03/23/26 20:25 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 135469 | 03/20/26 08:23 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135481 | 03/20/26 10:54 | CS | EET MID |

## Client Sample ID: SW - 9 (4.5')

**Lab Sample ID: 880-69862-9**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 16:00**

| 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 | 135608 | 03/23/26 09:46 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135598 | 03/23/26 18:37 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135718 | 03/23/26 18:37 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135761 | 03/23/26 20:41 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135646 | 03/23/26 12:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135628 | 03/23/26 20:41 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 135469 | 03/20/26 08:23 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135481 | 03/20/26 11:01 | CS | EET MID |

## Client Sample ID: SW - 10 (3.5'-4.5')

**Lab Sample ID: 880-69862-10**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 16:00**

| 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 | 135608 | 03/23/26 09:46 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135598 | 03/23/26 18:58 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135718 | 03/23/26 18:58 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135761 | 03/23/26 20:55 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135646 | 03/23/26 12:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135628 | 03/23/26 20:55 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 135469 | 03/20/26 08:23 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135481 | 03/20/26 11:07 | CS | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

## Client Sample ID: SW - 11 (4.5')

**Lab Sample ID: 880-69862-11**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 16:00**

| 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 | 135608 | 03/23/26 09:46 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135598 | 03/23/26 19:18 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135718 | 03/23/26 19:18 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135761 | 03/23/26 21:11 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135646 | 03/23/26 12:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135628 | 03/23/26 21:11 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 135469 | 03/20/26 08:23 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135481 | 03/20/26 11:14 | CS | EET MID |

## Client Sample ID: SW - 12 (4.5')

**Lab Sample ID: 880-69862-12**
**Matrix: Solid**
**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 16:00**

| 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 | 135608 | 03/23/26 09:46 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135598 | 03/23/26 19:39 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135718 | 03/23/26 19:39 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135761 | 03/23/26 21:26 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10.00 mL | 135646 | 03/23/26 12:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135628 | 03/23/26 21:26 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 135469 | 03/20/26 08:23 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135481 | 03/20/26 11:21 | 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: Berry 2 (02.16.2026)

Job ID: 880-69862-1
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: Berry 2 (02.16.2026)

Job ID: 880-69862-1
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: Berry 2 (02.16.2026)

Job ID: 880-69862-1
SDG: Lea County New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 880-69862-1 | SW - 1 (2.0') | Solid | 03/19/26 00:00 | 03/19/26 16:00 | New Mexico |
| 880-69862-2 | SW - 2 (2.0') | Solid | 03/19/26 00:00 | 03/19/26 16:00 | New Mexico |
| 880-69862-3 | SW - 3 (2.0') | Solid | 03/19/26 00:00 | 03/19/26 16:00 | New Mexico |
| 880-69862-4 | SW - 4 (2.0') | Solid | 03/19/26 00:00 | 03/19/26 16:00 | New Mexico |
| 880-69862-5 | SW - 5 (2.0') | Solid | 03/19/26 00:00 | 03/19/26 16:00 | New Mexico |
| 880-69862-6 | SW - 6 (2.0'-4.5') | Solid | 03/19/26 00:00 | 03/19/26 16:00 | New Mexico |
| 880-69862-7 | SW - 7 (4.5') | Solid | 03/19/26 00:00 | 03/19/26 16:00 | New Mexico |
| 880-69862-8 | SW - 8 (4.5') | Solid | 03/19/26 00:00 | 03/19/26 16:00 | New Mexico |
| 880-69862-9 | SW - 9 (4.5') | Solid | 03/19/26 00:00 | 03/19/26 16:00 | New Mexico |
| 880-69862-10 | SW - 10 (3.5'-4.5') | Solid | 03/19/26 00:00 | 03/19/26 16:00 | New Mexico |
| 880-69862-11 | SW - 11 (4.5') | Solid | 03/19/26 00:00 | 03/19/26 16:00 | New Mexico |
| 880-69862-12 | SW - 12 (4.5') | Solid | 03/19/26 00:00 | 03/19/26 16:00 | New Mexico |

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# Chain of Custody

880-69862 Chain of Custody

3/24/2026

Page ___1___ of ___2___

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | |
| Project Number: | 3161 | ☐ Routine ☑ Rush | |
| Project Location | Lea County, New Mexico | Due Date: | 72 Hour |
| 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: | 4.0 |
| Total Containers: | | Corrected Temperature: | 4.1 |

**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-1 (2.0') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |
| SW-2 (2.0') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |
| SW-3 (2.0') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |
| SW-4 (2.0') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |
| SW-5 (2.0') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |
| SW-6 (2.0'-4.5) | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |
| SW-7 (4.5') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |
| SW-8 (4.5') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |
| SW-9 (4.5') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |
| SW-10 (3.5'-4.5') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 3.19.26 15:54 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

Revised Date 05012020 Rev. 2020.1



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# Chain of Custody

**Work Order No:** _____

3/24/2026

Page 2 of 2

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | |
| Project Number: | 3161 | ☐ Routine | ☑ Rush |
| Project Location | Lea County, New Mexico | Due Date: | 72 Hour |
| 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: | 4.0 |
| Total Containers: | | Corrected Temperature: | 4.1 |

**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 (4.5') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |
| SW-12 (4.5') | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |

ANALYSIS REQUEST / Parameters

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 3.19.26 15:54 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

Revised Date 05012020 Rev. 2020.1



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# Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-69862-1
SDG Number: Lea County New Mexico

**Login Number: 69862**
**List Number: 1**
**Creator: Neeld, Linsey**

**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 3/25/2026 3:58:32 PM

## JOB DESCRIPTION

Berry 2 (02.16.2026)
Lea County, New Mexico

## JOB NUMBER

880-69890-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.



Released to Imaging: 4/13/2026 11:55:06 AM

my EOL

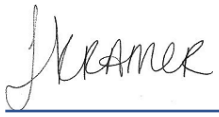
# Eurofins Midland

## 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
3/25/2026 3:58:32 PM

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

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Laboratory Job ID: 880-69890-1
SDG: Lea County, New Mexico

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# Definitions/Glossary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
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 |
| S1- | Surrogate recovery exceeds control limits, low biased. |
| S1+ | Surrogate recovery exceeds control limits, high biased. |
| U | Indicates the analyte was analyzed for but not detected. |

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| F2 | MS/MSD RPD exceeds control limits |
| S1- | Surrogate recovery exceeds control limits, low biased. |
| S1+ | Surrogate recovery exceeds control limits, high biased. |
| U | Indicates the analyte was analyzed for but not detected. |

### 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: Berry 2 (02.16.2026)

Job ID: 880-69890-1

## Job ID: 880-69890-1 Eurofins Midland

**Job Narrative**
**880-69890-1**

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 3/20/2026 3:37 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.2°C.

**GC VOA**
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-135707 and analytical batch 880-135580 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (890-9662-A-1-E MS). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW - 13 (3.5') (880-69890-1). 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 - 18 (3.5') (880-69890-6), SW - 19 (3.5') (880-69890-7), SW - 20 (3.5') (880-69890-8) and SW - 25 (4.5') (880-69890-13). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: SW - 23 (3.5') (880-69890-11) and SW - 24 (4.5') (880-69890-12). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: SW - 16 (3.5') (880-69890-4). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-69890-A-4-C MS). 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 880-135670 and analytical batch 880-135826 was outside the upper control limits.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-135669 and analytical batch 880-135825 was outside control limits. Sample non-homogeneity is suspected.

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-135669 and analytical batch 880-135825 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**

# Case Narrative

Client: Carmona Resources
Project: Berry 2 (02.16.2026)

Job ID: 880-69890-1

## Job ID: 880-69890-1 (Continued) Eurofins Midland

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: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

## Client Sample ID: SW - 13 (3.5')

**Lab Sample ID: 880-69890-1**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 20:00 | 03/24/26 15:13 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 15:13 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 15:13 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 15:13 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 15:13 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 15:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *131* | *S1+* | *70 - 130* | *03/23/26 20:00* | *03/24/26 15:13* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 15:13* | *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 | | | 03/24/26 15:13 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 03/25/26 12:28 | 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 | | 03/23/26 12:50 | 03/25/26 12:28 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 12:28 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 12:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *109* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 12:28* | *1* |
| *o-Terphenyl (Surr)* | *118* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 12:28* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **235** | | 9.96 | | mg/Kg | | | 03/23/26 17:31 | 1 |

## Client Sample ID: SW - 14 (3.5')

**Lab Sample ID: 880-69890-2**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 20:00 | 03/24/26 16:48 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 16:48 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 16:48 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 16:48 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 16:48 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 16:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *108* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 16:48* | *1* |
| *1,4-Difluorobenzene (Surr)* | *87* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 16:48* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

## Client Sample ID: SW - 14 (3.5')

**Lab Sample ID: 880-69890-2**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | | 03/24/26 16:48 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 03/25/26 12:48 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 12:48 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 12:48 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 12:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *106* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 12:48* | *1* |
| *o-Terphenyl (Surr)* | *116* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 12:48* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <9.98 | U | 9.98 | | mg/Kg | | | 03/23/26 17:43 | 1 |

## Client Sample ID: SW - 15 (3.5')

**Lab Sample ID: 880-69890-3**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 20:00 | 03/24/26 17:08 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 17:08 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 17:08 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 17:08 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 17:08 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 17:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 17:08* | *1* |
| *1,4-Difluorobenzene (Surr)* | *87* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 17:08* | *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 | | | 03/24/26 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 | <50.1 | U | 50.1 | | mg/Kg | | | 03/25/26 13:09 | 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 | | 03/23/26 12:50 | 03/25/26 13:09 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 13:09 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

## Client Sample ID: SW - 15 (3.5')

**Lab Sample ID: 880-69890-3**
**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:50 | 03/25/26 13:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *109* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 13:09* | *1* |
| *o-Terphenyl (Surr)* | *119* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 13:09* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **36.4** | | 9.92 | | mg/Kg | | | 03/23/26 18:19 | 1 |

## Client Sample ID: SW - 16 (3.5')

**Lab Sample ID: 880-69890-4**
**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 20:00 | 03/24/26 17:29 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 17:29 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 17:29 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 17:29 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 17:29 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 17:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 17:29* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 17:29* | *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 | | | 03/24/26 17:29 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Total TPH** | **75.4** | | 50.0 | | mg/Kg | | | 03/24/26 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 | | 03/23/26 12:52 | 03/24/26 19:42 | 1 |
| **Diesel Range Organics (Over C10-C28)** | **75.4** | | 50.0 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 19:42 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 19:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *176* | *S1+* | *70 - 130* | *03/23/26 12:52* | *03/24/26 19:42* | *1* |
| *o-Terphenyl (Surr)* | *316* | *S1+* | *70 - 130* | *03/23/26 12:52* | *03/24/26 19:42* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **164** | | 10.0 | | mg/Kg | | | 03/23/26 18:31 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

## Client Sample ID: SW - 17 (3.5'-4.5')

**Lab Sample ID: 880-69890-5**
**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 20:00 | 03/24/26 17:49 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 17:49 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 17:49 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 17:49 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 17:49 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 17:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 17:49* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 17:49* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | | 03/24/26 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 | <50.1 | U | 50.1 | | mg/Kg | | | 03/24/26 20:43 | 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 | | 03/23/26 12:52 | 03/24/26 20:43 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 20:43 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 20:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *107* | | *70 - 130* | *03/23/26 12:52* | *03/24/26 20:43* | *1* |
| *o-Terphenyl (Surr)* | *117* | | *70 - 130* | *03/23/26 12:52* | *03/24/26 20:43* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 03/23/26 18:43 | 1 |

## Client Sample ID: SW - 18 (3.5')

**Lab Sample ID: 880-69890-6**
**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 20:00 | 03/24/26 18:10 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 18:10 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 18:10 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 18:10 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 18:10 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 18:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 18:10* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 18:10* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

## Client Sample ID: SW - 18 (3.5')

**Lab Sample ID: 880-69890-6**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | | 03/24/26 18:10 | 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 | | | 03/24/26 21:04 | 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 | | 03/23/26 12:52 | 03/24/26 21:04 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 21:04 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 21:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *155* | *S1+* | *70 - 130* | *03/23/26 12:52* | *03/24/26 21:04* | *1* |
| *o-Terphenyl (Surr)* | *154* | *S1+* | *70 - 130* | *03/23/26 12:52* | *03/24/26 21:04* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 194 | | 9.96 | | mg/Kg | | | 03/23/26 18:55 | 1 |

## Client Sample ID: SW - 19 (3.5')

**Lab Sample ID: 880-69890-7**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 20:00 | 03/24/26 18:30 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 18:30 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 18:30 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 18:30 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 18:30 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 18:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *113* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 18:30* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 18:30* | *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 | | | 03/24/26 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 | <50.0 | U | 50.0 | | mg/Kg | | | 03/24/26 21:25 | 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 | | 03/23/26 12:52 | 03/24/26 21:25 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 21:25 | 1 |

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# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

## Client Sample ID: SW - 19 (3.5')

**Lab Sample ID: 880-69890-7**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:52 | 03/24/26 21:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *137* | *S1+* | *70 - 130* | *03/23/26 12:52* | *03/24/26 21:25* | *1* |
| *o-Terphenyl (Surr)* | *131* | *S1+* | *70 - 130* | *03/23/26 12:52* | *03/24/26 21:25* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **24.4** | | 9.98 | | mg/Kg | | | 03/23/26 19:07 | 1 |

## Client Sample ID: SW - 20 (3.5')

**Lab Sample ID: 880-69890-8**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 20:00 | 03/24/26 18:50 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 18:50 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 18:50 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 18:50 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 18:50 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 18:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *111* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 18:50* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 18:50* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 03/24/26 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 | <49.8 | U | 49.8 | | mg/Kg | | | 03/24/26 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 | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 21:45 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 21:45 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 21:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *142* | *S1+* | *70 - 130* | *03/23/26 12:52* | *03/24/26 21:45* | *1* |
| *o-Terphenyl (Surr)* | *133* | *S1+* | *70 - 130* | *03/23/26 12:52* | *03/24/26 21:45* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **31.9** | | 9.94 | | mg/Kg | | | 03/23/26 19:19 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

## Client Sample ID: SW - 21 (3.5')

**Lab Sample ID: 880-69890-9**
**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 20:00 | 03/24/26 19:11 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 19:11 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 19:11 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 19:11 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 19:11 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 19:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *78* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 19:11* | *1* |
| *1,4-Difluorobenzene (Surr)* | *90* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 19:11* | *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 | | | 03/24/26 19:11 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 03/24/26 22:07 | 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 | | 03/23/26 12:52 | 03/24/26 22:07 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 22:07 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 22:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *95* | | *70 - 130* | *03/23/26 12:52* | *03/24/26 22:07* | *1* |
| *o-Terphenyl (Surr)* | *96* | | *70 - 130* | *03/23/26 12:52* | *03/24/26 22:07* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **20.0** | | 9.92 | | mg/Kg | | | 03/23/26 19:54 | 1 |

## Client Sample ID: SW - 22 (3.5')

**Lab Sample ID: 880-69890-10**
**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 20:00 | 03/24/26 19:31 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 19:31 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 19:31 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 19:31 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 19:31 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 19:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *112* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 19:31* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 19:31* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

## Client Sample ID: SW - 22 (3.5')

**Lab Sample ID: 880-69890-10**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | | 03/24/26 19:31 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/24/26 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 | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 22:27 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 22:27 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 22:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *94* | | *70 - 130* | *03/23/26 12:52* | *03/24/26 22:27* | *1* |
| *o-Terphenyl (Surr)* | *97* | | *70 - 130* | *03/23/26 12:52* | *03/24/26 22:27* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **292** | | 10.1 | | mg/Kg | | | 03/23/26 20:06 | 1 |

## Client Sample ID: SW - 23 (3.5')

**Lab Sample ID: 880-69890-11**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 20:00 | 03/24/26 19:52 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 19:52 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 19:52 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 19:52 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 19:52 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 19:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 19:52* | *1* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 19:52* | *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 | | | 03/24/26 19:52 | 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 | | | 03/24/26 22:48 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 22:48 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 22:48 | 1 |

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# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

## Client Sample ID: SW - 23 (3.5')

**Lab Sample ID: 880-69890-11**
**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 12:52 | 03/24/26 22:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *77* | | *70 - 130* | *03/23/26 12:52* | *03/24/26 22:48* | *1* |
| *o-Terphenyl (Surr)* | *61* | *S1-* | *70 - 130* | *03/23/26 12:52* | *03/24/26 22:48* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **35.5** | | 9.96 | | mg/Kg | | | 03/23/26 20:42 | 1 |

## Client Sample ID: SW - 24 (4.5')

**Lab Sample ID: 880-69890-12**
**Date Collected: 03/20/26 00:00**
**Matrix: Solid**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 14:55 | 03/24/26 03:22 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 14:55 | 03/24/26 03:22 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 14:55 | 03/24/26 03:22 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 14:55 | 03/24/26 03:22 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/23/26 14:55 | 03/24/26 03:22 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/23/26 14:55 | 03/24/26 03:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *106* | | *70 - 130* | *03/23/26 14:55* | *03/24/26 03:22* | *1* |
| *1,4-Difluorobenzene (Surr)* | *88* | | *70 - 130* | *03/23/26 14:55* | *03/24/26 03:22* | *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 | | | 03/24/26 03:22 | 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 | | | 03/24/26 23:08 | 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 | | 03/23/26 12:52 | 03/24/26 23:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 23:08 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 23:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *130* | | *70 - 130* | *03/23/26 12:52* | *03/24/26 23:08* | *1* |
| *o-Terphenyl (Surr)* | *144* | *S1+* | *70 - 130* | *03/23/26 12:52* | *03/24/26 23:08* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **108** | | 9.92 | | mg/Kg | | | 03/23/26 20:54 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

## Client Sample ID: SW - 25 (4.5')

**Lab Sample ID: 880-69890-13**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 14:55 | 03/24/26 03:43 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 14:55 | 03/24/26 03:43 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 14:55 | 03/24/26 03:43 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 14:55 | 03/24/26 03:43 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 14:55 | 03/24/26 03:43 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 14:55 | 03/24/26 03:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* | *03/23/26 14:55* | *03/24/26 03:43* | *1* |
| *1,4-Difluorobenzene (Surr)* | *83* | | *70 - 130* | *03/23/26 14:55* | *03/24/26 03:43* | *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 | | | 03/24/26 03:43 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 03/24/26 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 | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 23:29 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 23:29 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 23:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *138* | *S1+* | *70 - 130* | *03/23/26 12:52* | *03/24/26 23:29* | *1* |
| *o-Terphenyl (Surr)* | *138* | *S1+* | *70 - 130* | *03/23/26 12:52* | *03/24/26 23:29* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **51.2** | | 10.1 | | mg/Kg | | | 03/23/26 21:06 | 1 |

## Client Sample ID: SW - 26 (3.5'-4.5')

**Lab Sample ID: 880-69890-14**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

### 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 | | 03/23/26 14:55 | 03/24/26 04:03 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 14:55 | 03/24/26 04:03 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 14:55 | 03/24/26 04:03 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 14:55 | 03/24/26 04:03 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/23/26 14:55 | 03/24/26 04:03 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/23/26 14:55 | 03/24/26 04:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *106* | | *70 - 130* | *03/23/26 14:55* | *03/24/26 04:03* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/23/26 14:55* | *03/24/26 04:03* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

## Client Sample ID: SW - 26 (3.5'-4.5')

**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

## Lab Sample ID: 880-69890-14

**Matrix: Solid**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 03/24/26 04:03 | 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 | | | 03/25/26 00:10 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:52 | 03/25/26 00:10 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:52 | 03/25/26 00:10 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:52 | 03/25/26 00:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *03/23/26 12:52* | *03/25/26 00:10* | *1* |
| *o-Terphenyl (Surr)* | *112* | | *70 - 130* | *03/23/26 12:52* | *03/25/26 00:10* | *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 | | | 03/23/26 21:18 | 1 |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
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) | | | | | | | | | | |
| 880-69890-1 | SW - 13 (3.5') | 131 S1+ | 96 | | | | | | | | | | |
| 880-69890-2 | SW - 14 (3.5') | 108 | 87 | | | | | | | | | | |
| 880-69890-3 | SW - 15 (3.5') | 99 | 87 | | | | | | | | | | |
| 880-69890-4 | SW - 16 (3.5') | 107 | 101 | | | | | | | | | | |
| 880-69890-5 | SW - 17 (3.5'-4.5') | 107 | 98 | | | | | | | | | | |
| 880-69890-6 | SW - 18 (3.5') | 110 | 99 | | | | | | | | | | |
| 880-69890-7 | SW - 19 (3.5') | 113 | 100 | | | | | | | | | | |
| 880-69890-8 | SW - 20 (3.5') | 111 | 97 | | | | | | | | | | |
| 880-69890-9 | SW - 21 (3.5') | 78 | 90 | | | | | | | | | | |
| 880-69890-10 | SW - 22 (3.5') | 112 | 97 | | | | | | | | | | |
| 880-69890-11 | SW - 23 (3.5') | 102 | 95 | | | | | | | | | | |
| 880-69890-12 | SW - 24 (4.5') | 106 | 88 | | | | | | | | | | |
| 880-69890-13 | SW - 25 (4.5') | 102 | 83 | | | | | | | | | | |
| 880-69890-14 | SW - 26 (3.5'-4.5') | 106 | 103 | | | | | | | | | | |
| 880-69941-A-18-C MS | Matrix Spike | 109 | 102 | | | | | | | | | | |
| 880-69941-A-18-D MSD | Matrix Spike Duplicate | 103 | 98 | | | | | | | | | | |
| 890-9662-A-1-E MS | Matrix Spike | 16 S1- | 78 | | | | | | | | | | |
| 890-9662-A-1-F MSD | Matrix Spike Duplicate | 100 | 102 | | | | | | | | | | |
| LCS 880-135680/1-A | Lab Control Sample | 95 | 91 | | | | | | | | | | |
| LCS 880-135707/1-A | Lab Control Sample | 100 | 98 | | | | | | | | | | |
| LCSD 880-135680/2-A | Lab Control Sample Dup | 111 | 99 | | | | | | | | | | |
| LCSD 880-135707/2-A | Lab Control Sample Dup | 93 | 96 | | | | | | | | | | |
| MB 880-135607/5-A | Method Blank | 95 | 95 | | | | | | | | | | |
| MB 880-135680/5-A | Method Blank | 106 | 95 | | | | | | | | | | |
| MB 880-135707/5-A | Method Blank | 97 | 98 | | | | | | | | | | |

**Surrogate Legend**

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

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | 1CO1 (70-130) | OTPH1 (70-130) | | | | | | | | | | |
| 880-69889-A-7-D MS | Matrix Spike | 104 | 102 | | | | | | | | | | |
| 880-69889-A-7-E MSD | Matrix Spike Duplicate | 120 | 121 | | | | | | | | | | |
| 880-69890-1 | SW - 13 (3.5') | 109 | 118 | | | | | | | | | | |
| 880-69890-2 | SW - 14 (3.5') | 106 | 116 | | | | | | | | | | |
| 880-69890-3 | SW - 15 (3.5') | 109 | 119 | | | | | | | | | | |
| 880-69890-4 | SW - 16 (3.5') | 176 S1+ | 316 S1+ | | | | | | | | | | |
| 880-69890-4 MS | SW - 16 (3.5') | 132 S1+ | 115 | | | | | | | | | | |
| 880-69890-4 MSD | SW - 16 (3.5') | 110 | 110 | | | | | | | | | | |
| 880-69890-5 | SW - 17 (3.5'-4.5') | 107 | 117 | | | | | | | | | | |
| 880-69890-6 | SW - 18 (3.5') | 155 S1+ | 154 S1+ | | | | | | | | | | |
| 880-69890-7 | SW - 19 (3.5') | 137 S1+ | 131 S1+ | | | | | | | | | | |
| 880-69890-8 | SW - 20 (3.5') | 142 S1+ | 133 S1+ | | | | | | | | | | |
| 880-69890-9 | SW - 21 (3.5') | 95 | 96 | | | | | | | | | | |
| 880-69890-10 | SW - 22 (3.5') | 94 | 97 | | | | | | | | | | |

# Surrogate Summary

Client: Carmona Resources
Job ID: 880-69890-1
Project/Site: Berry 2 (02.16.2026)
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) | | | | | | | | | | |
| 880-69890-11 | SW - 23 (3.5') | 77 | 61 S1- | | | | | | | | | | |
| 880-69890-12 | SW - 24 (4.5') | 130 | 144 S1+ | | | | | | | | | | |
| 880-69890-13 | SW - 25 (4.5') | 138 S1+ | 138 S1+ | | | | | | | | | | |
| 880-69890-14 | SW - 26 (3.5'-4.5') | 101 | 112 | | | | | | | | | | |
| LCS 880-135669/2-A | Lab Control Sample | 100 | 95 | | | | | | | | | | |
| LCS 880-135670/2-A | Lab Control Sample | 88 | 88 | | | | | | | | | | |
| LCSD 880-135669/3-A | Lab Control Sample Dup | 96 | 90 | | | | | | | | | | |
| MB 880-135669/1-A | Method Blank | 128 | 139 S1+ | | | | | | | | | | |
| MB 880-135670/1-A | Method Blank | 149 S1+ | 150 S1+ | | | | | | | | | | |

**Surrogate Legend**

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

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

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

**Lab Sample ID: MB 880-135607/5-A**
**Matrix: Solid**
**Analysis Batch: 135580**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135607**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 09:43 | 03/23/26 11:31 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 09:43 | 03/23/26 11:31 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 09:43 | 03/23/26 11:31 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 09:43 | 03/23/26 11:31 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 09:43 | 03/23/26 11:31 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 09:43 | 03/23/26 11:31 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* | *03/23/26 09:43* | *03/23/26 11:31* | *1* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* | *03/23/26 09:43* | *03/23/26 11:31* | *1* |

**Lab Sample ID: MB 880-135680/5-A**
**Matrix: Solid**
**Analysis Batch: 135740**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135680**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 11:48 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 11:48 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 11:48 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 11:48 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 11:48 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 20:00 | 03/24/26 11:48 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *106* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 11:48* | *1* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* | *03/23/26 20:00* | *03/24/26 11:48* | *1* |

**Lab Sample ID: LCS 880-135680/1-A**
**Matrix: Solid**
**Analysis Batch: 135740**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135680**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.09695 | | mg/Kg | | 97 | 70 - 130 |
| Toluene | 0.100 | 0.08536 | | mg/Kg | | 85 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.09304 | | mg/Kg | | 93 | 70 - 130 |
| m,p-Xylenes | 0.200 | 0.1951 | | mg/Kg | | 98 | 70 - 130 |
| o-Xylene | 0.100 | 0.09710 | | mg/Kg | | 97 | 70 - 130 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *91* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135680/2-A**
**Matrix: Solid**
**Analysis Batch: 135740**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135680**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.1093 | | mg/Kg | | 109 | 70 - 130 | 12 | 35 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

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

**Lab Sample ID: LCSD 880-135680/2-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 135740** — **Prep Batch: 135680**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Toluene | | | 0.100 | 0.09857 | | mg/Kg | | 99 | 70 - 130 | 14 | 35 |
| Ethylbenzene | | | 0.100 | 0.1078 | | mg/Kg | | 108 | 70 - 130 | 15 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2281 | | mg/Kg | | 114 | 70 - 130 | 16 | 35 |
| o-Xylene | | | 0.100 | 0.1137 | | mg/Kg | | 114 | 70 - 130 | 16 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *111* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* |

**Lab Sample ID: 880-69941-A-18-C MS** — **Client Sample ID: Matrix Spike**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 135740** — **Prep Batch: 135680**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.08740 | | mg/Kg | | 87 | 70 - 130 |
| Toluene | <0.00200 | U | 0.100 | 0.08065 | | mg/Kg | | 81 | 70 - 130 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.08836 | | mg/Kg | | 88 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1877 | | mg/Kg | | 94 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.100 | 0.09490 | | mg/Kg | | 95 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *109* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* |

**Lab Sample ID: 880-69941-A-18-D MSD** — **Client Sample ID: Matrix Spike Duplicate**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 135740** — **Prep Batch: 135680**

| 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 | 0.09340 | | mg/Kg | | 93 | 70 - 130 | 7 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.08392 | | mg/Kg | | 84 | 70 - 130 | 4 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.09085 | | mg/Kg | | 91 | 70 - 130 | 3 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1911 | | mg/Kg | | 96 | 70 - 130 | 2 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.09588 | | mg/Kg | | 96 | 70 - 130 | 1 | 35 |

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

**Lab Sample ID: MB 880-135707/5-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 135580** — **Prep Batch: 135707**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 14:55 | 03/23/26 22:32 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 14:55 | 03/23/26 22:32 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 14:55 | 03/23/26 22:32 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 14:55 | 03/23/26 22:32 | 1 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

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

**Lab Sample ID: MB 880-135707/5-A**
**Matrix: Solid**
**Analysis Batch: 135580**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135707**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 14:55 | 03/23/26 22:32 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 14:55 | 03/23/26 22:32 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *03/23/26 14:55* | *03/23/26 22:32* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *03/23/26 14:55* | *03/23/26 22:32* | *1* |

**Lab Sample ID: LCS 880-135707/1-A**
**Matrix: Solid**
**Analysis Batch: 135580**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135707**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.1129 | | mg/Kg | | 113 | 70 - 130 |
| Toluene | 0.100 | 0.09791 | | mg/Kg | | 98 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.1088 | | mg/Kg | | 109 | 70 - 130 |
| m,p-Xylenes | 0.200 | 0.2107 | | mg/Kg | | 105 | 70 - 130 |
| o-Xylene | 0.100 | 0.1048 | | mg/Kg | | 105 | 70 - 130 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135707/2-A**
**Matrix: Solid**
**Analysis Batch: 135580**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135707**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.1092 | | mg/Kg | | 109 | 70 - 130 | 3 | 35 |
| Toluene | 0.100 | 0.09635 | | mg/Kg | | 96 | 70 - 130 | 2 | 35 |
| Ethylbenzene | 0.100 | 0.1068 | | mg/Kg | | 107 | 70 - 130 | 2 | 35 |
| m,p-Xylenes | 0.200 | 0.1981 | | mg/Kg | | 99 | 70 - 130 | 6 | 35 |
| o-Xylene | 0.100 | 0.09961 | | mg/Kg | | 100 | 70 - 130 | 5 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* |

**Lab Sample ID: 890-9662-A-1-E MS**
**Matrix: Solid**
**Analysis Batch: 135580**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 135707**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U F2 F1 | 0.100 | 0.03756 | F1 | mg/Kg | | 38 | 70 - 130 |
| Toluene | <0.00200 | U F2 F1 | 0.100 | 0.02473 | F1 | mg/Kg | | 25 | 70 - 130 |
| Ethylbenzene | <0.00200 | U F1 | 0.100 | 0.06105 | F1 | mg/Kg | | 61 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U F2 F1 | 0.200 | 0.03909 | F1 | mg/Kg | | 20 | 70 - 130 |
| o-Xylene | <0.00200 | U F2 F1 | 0.100 | 0.05179 | F1 | mg/Kg | | 52 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

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

**Lab Sample ID: 890-9662-A-1-E MS**
**Matrix: Solid**
**Analysis Batch: 135580**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 135707**

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *16* | *S1-* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *78* | | *70 - 130* |

**Lab Sample ID: 890-9662-A-1-F MSD**
**Matrix: Solid**
**Analysis Batch: 135580**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 135707**

| 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 | 0.09215 | F2 | mg/Kg | | 92 | 70 - 130 | 84 | 35 |
| Toluene | <0.00200 | U F2 F1 | 0.100 | 0.07798 | F2 | mg/Kg | | 78 | 70 - 130 | 104 | 35 |
| Ethylbenzene | <0.00200 | U F1 | 0.100 | 0.08406 | | mg/Kg | | 84 | 70 - 130 | 32 | 35 |
| m,p-Xylenes | <0.00399 | U F2 F1 | 0.200 | 0.1589 | F2 | mg/Kg | | 79 | 70 - 130 | 121 | 35 |
| o-Xylene | <0.00200 | U F2 F1 | 0.100 | 0.08042 | F2 | mg/Kg | | 80 | 70 - 130 | 43 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* |

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

**Lab Sample ID: MB 880-135669/1-A**
**Matrix: Solid**
**Analysis Batch: 135825**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135669**

| 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 | | 03/23/26 12:50 | 03/25/26 04:37 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 04:37 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:50 | 03/25/26 04:37 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *128* | | *70 - 130* | *03/23/26 12:50* | *03/25/26 04:37* | *1* |
| *o-Terphenyl (Surr)* | *139* | *S1+* | *70 - 130* | *03/23/26 12:50* | *03/25/26 04:37* | *1* |

**Lab Sample ID: LCS 880-135669/2-A**
**Matrix: Solid**
**Analysis Batch: 135825**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135669**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 873.4 | | mg/Kg | | 87 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 918.3 | | mg/Kg | | 92 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *100* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *95* | | *70 - 130* |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

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

**Lab Sample ID: LCSD 880-135669/3-A**
**Matrix: Solid**
**Analysis Batch: 135825**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135669**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 836.0 | | mg/Kg | | 84 | 70 - 130 | 4 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 886.8 | | mg/Kg | | 89 | 70 - 130 | 3 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *96* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *90* | | *70 - 130* |

**Lab Sample ID: 880-69889-A-7-D MS**
**Matrix: Solid**
**Analysis Batch: 135825**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 135669**

| 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 | 739.6 | | mg/Kg | | 74 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <49.9 | U F2 | 1000 | 758.4 | | mg/Kg | | 74 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *104* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *102* | | *70 - 130* |

**Lab Sample ID: 880-69889-A-7-E MSD**
**Matrix: Solid**
**Analysis Batch: 135825**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 135669**

| 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 | 880.5 | | mg/Kg | | 88 | 70 - 130 | 17 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U F2 | 1000 | 937.5 | F2 | mg/Kg | | 92 | 70 - 130 | 21 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *120* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *121* | | *70 - 130* |

**Lab Sample ID: MB 880-135670/1-A**
**Matrix: Solid**
**Analysis Batch: 135826**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135670**

| 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 | | 03/23/26 12:52 | 03/24/26 16:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 16:44 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:52 | 03/24/26 16:44 | 1 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

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

**Lab Sample ID: MB 880-135670/1-A**
**Matrix: Solid**
**Analysis Batch: 135826**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135670**

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 149 | S1+ | 70 - 130 | 03/23/26 12:52 | 03/24/26 16:44 | 1 |
| o-Terphenyl (Surr) | 150 | S1+ | 70 - 130 | 03/23/26 12:52 | 03/24/26 16:44 | 1 |

**Lab Sample ID: LCS 880-135670/2-A**
**Matrix: Solid**
**Analysis Batch: 135826**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135670**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 700.0 | | mg/Kg | | 70 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 790.6 | | mg/Kg | | 79 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 88 | | 70 - 130 |
| o-Terphenyl (Surr) | 88 | | 70 - 130 |

**Lab Sample ID: 880-69890-4 MS**
**Matrix: Solid**
**Analysis Batch: 135826**

**Client Sample ID: SW - 16 (3.5')**
**Prep Type: Total/NA**
**Prep Batch: 135670**

| 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 | 792.9 | | mg/Kg | | 77 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 75.4 | | 1000 | 872.8 | | mg/Kg | | 80 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 132 | S1+ | 70 - 130 |
| o-Terphenyl (Surr) | 115 | | 70 - 130 |

**Lab Sample ID: 880-69890-4 MSD**
**Matrix: Solid**
**Analysis Batch: 135826**

**Client Sample ID: SW - 16 (3.5')**
**Prep Type: Total/NA**
**Prep Batch: 135670**

| 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 | 759.7 | | mg/Kg | | 74 | 70 - 130 | 4 | 20 |
| Diesel Range Organics (Over C10-C28) | 75.4 | | 1000 | 785.4 | | mg/Kg | | 71 | 70 - 130 | 11 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 110 | | 70 - 130 |
| o-Terphenyl (Surr) | 110 | | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-135615/1-A**
**Matrix: Solid**
**Analysis Batch: 135649**

**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 | | | 03/23/26 15:56 | 1 |

**Lab Sample ID: LCS 880-135615/2-A**
**Matrix: Solid**
**Analysis Batch: 135649**

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

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 257.6 | | mg/Kg | | 103 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-135615/3-A**
**Matrix: Solid**
**Analysis Batch: 135649**

**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 | 257.5 | | mg/Kg | | 103 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-69890-8 MS**
**Matrix: Solid**
**Analysis Batch: 135649**

**Client Sample ID: SW - 20 (3.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 31.9 | | 249 | 289.3 | | mg/Kg | | 104 | 90 - 110 | | |

**Lab Sample ID: 880-69890-8 MSD**
**Matrix: Solid**
**Analysis Batch: 135649**

**Client Sample ID: SW - 20 (3.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 31.9 | | 249 | 289.7 | | mg/Kg | | 104 | 90 - 110 | 0 | 20 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

## GC VOA

### Analysis Batch: 135580

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69890-12 | SW - 24 (4.5') | Total/NA | Solid | 8021B | 135707 |
| 880-69890-13 | SW - 25 (4.5') | Total/NA | Solid | 8021B | 135707 |
| 880-69890-14 | SW - 26 (3.5'-4.5') | Total/NA | Solid | 8021B | 135707 |
| MB 880-135607/5-A | Method Blank | Total/NA | Solid | 8021B | 135607 |
| MB 880-135707/5-A | Method Blank | Total/NA | Solid | 8021B | 135707 |
| LCS 880-135707/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 135707 |
| LCSD 880-135707/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 135707 |
| 890-9662-A-1-E MS | Matrix Spike | Total/NA | Solid | 8021B | 135707 |
| 890-9662-A-1-F MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 135707 |

### Prep Batch: 135607

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-135607/5-A | Method Blank | Total/NA | Solid | 5035 | |

### Prep Batch: 135680

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69890-1 | SW - 13 (3.5') | Total/NA | Solid | 5035 | |
| 880-69890-2 | SW - 14 (3.5') | Total/NA | Solid | 5035 | |
| 880-69890-3 | SW - 15 (3.5') | Total/NA | Solid | 5035 | |
| 880-69890-4 | SW - 16 (3.5') | Total/NA | Solid | 5035 | |
| 880-69890-5 | SW - 17 (3.5'-4.5') | Total/NA | Solid | 5035 | |
| 880-69890-6 | SW - 18 (3.5') | Total/NA | Solid | 5035 | |
| 880-69890-7 | SW - 19 (3.5') | Total/NA | Solid | 5035 | |
| 880-69890-8 | SW - 20 (3.5') | Total/NA | Solid | 5035 | |
| 880-69890-9 | SW - 21 (3.5') | Total/NA | Solid | 5035 | |
| 880-69890-10 | SW - 22 (3.5') | Total/NA | Solid | 5035 | |
| 880-69890-11 | SW - 23 (3.5') | Total/NA | Solid | 5035 | |
| MB 880-135680/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-135680/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-135680/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-69941-A-18-C MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-69941-A-18-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

### Prep Batch: 135707

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69890-12 | SW - 24 (4.5') | Total/NA | Solid | 5035 | |
| 880-69890-13 | SW - 25 (4.5') | Total/NA | Solid | 5035 | |
| 880-69890-14 | SW - 26 (3.5'-4.5') | Total/NA | Solid | 5035 | |
| MB 880-135707/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-135707/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-135707/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 890-9662-A-1-E MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 890-9662-A-1-F MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

### Analysis Batch: 135740

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69890-1 | SW - 13 (3.5') | Total/NA | Solid | 8021B | 135680 |
| 880-69890-2 | SW - 14 (3.5') | Total/NA | Solid | 8021B | 135680 |
| 880-69890-3 | SW - 15 (3.5') | Total/NA | Solid | 8021B | 135680 |
| 880-69890-4 | SW - 16 (3.5') | Total/NA | Solid | 8021B | 135680 |
| 880-69890-5 | SW - 17 (3.5'-4.5') | Total/NA | Solid | 8021B | 135680 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

## GC VOA (Continued)

### Analysis Batch: 135740 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69890-6 | SW - 18 (3.5') | Total/NA | Solid | 8021B | 135680 |
| 880-69890-7 | SW - 19 (3.5') | Total/NA | Solid | 8021B | 135680 |
| 880-69890-8 | SW - 20 (3.5') | Total/NA | Solid | 8021B | 135680 |
| 880-69890-9 | SW - 21 (3.5') | Total/NA | Solid | 8021B | 135680 |
| 880-69890-10 | SW - 22 (3.5') | Total/NA | Solid | 8021B | 135680 |
| 880-69890-11 | SW - 23 (3.5') | Total/NA | Solid | 8021B | 135680 |
| MB 880-135680/5-A | Method Blank | Total/NA | Solid | 8021B | 135680 |
| LCS 880-135680/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 135680 |
| LCSD 880-135680/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 135680 |
| 880-69941-A-18-C MS | Matrix Spike | Total/NA | Solid | 8021B | 135680 |
| 880-69941-A-18-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 135680 |

### Analysis Batch: 135788

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69890-1 | SW - 13 (3.5') | Total/NA | Solid | Total BTEX | |
| 880-69890-2 | SW - 14 (3.5') | Total/NA | Solid | Total BTEX | |
| 880-69890-3 | SW - 15 (3.5') | Total/NA | Solid | Total BTEX | |
| 880-69890-4 | SW - 16 (3.5') | Total/NA | Solid | Total BTEX | |
| 880-69890-5 | SW - 17 (3.5'-4.5') | Total/NA | Solid | Total BTEX | |
| 880-69890-6 | SW - 18 (3.5') | Total/NA | Solid | Total BTEX | |
| 880-69890-7 | SW - 19 (3.5') | Total/NA | Solid | Total BTEX | |
| 880-69890-8 | SW - 20 (3.5') | Total/NA | Solid | Total BTEX | |
| 880-69890-9 | SW - 21 (3.5') | Total/NA | Solid | Total BTEX | |
| 880-69890-10 | SW - 22 (3.5') | Total/NA | Solid | Total BTEX | |
| 880-69890-11 | SW - 23 (3.5') | Total/NA | Solid | Total BTEX | |
| 880-69890-12 | SW - 24 (4.5') | Total/NA | Solid | Total BTEX | |
| 880-69890-13 | SW - 25 (4.5') | Total/NA | Solid | Total BTEX | |
| 880-69890-14 | SW - 26 (3.5'-4.5') | Total/NA | Solid | Total BTEX | |

## GC Semi VOA

### Prep Batch: 135669

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69890-1 | SW - 13 (3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69890-2 | SW - 14 (3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69890-3 | SW - 15 (3.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-135669/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-135669/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-135669/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-69889-A-7-D MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-69889-A-7-E MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 135670

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69890-4 | SW - 16 (3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69890-5 | SW - 17 (3.5'-4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69890-6 | SW - 18 (3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69890-7 | SW - 19 (3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69890-8 | SW - 20 (3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69890-9 | SW - 21 (3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69890-10 | SW - 22 (3.5') | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

## GC Semi VOA (Continued)

### Prep Batch: 135670 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69890-11 | SW - 23 (3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69890-12 | SW - 24 (4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69890-13 | SW - 25 (4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69890-14 | SW - 26 (3.5'-4.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-135670/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-135670/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| 880-69890-4 MS | SW - 16 (3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69890-4 MSD | SW - 16 (3.5') | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 135825

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69890-1 | SW - 13 (3.5') | Total/NA | Solid | 8015B NM | 135669 |
| 880-69890-2 | SW - 14 (3.5') | Total/NA | Solid | 8015B NM | 135669 |
| 880-69890-3 | SW - 15 (3.5') | Total/NA | Solid | 8015B NM | 135669 |
| MB 880-135669/1-A | Method Blank | Total/NA | Solid | 8015B NM | 135669 |
| LCS 880-135669/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 135669 |
| LCSD 880-135669/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 135669 |
| 880-69889-A-7-D MS | Matrix Spike | Total/NA | Solid | 8015B NM | 135669 |
| 880-69889-A-7-E MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 135669 |

### Analysis Batch: 135826

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69890-4 | SW - 16 (3.5') | Total/NA | Solid | 8015B NM | 135670 |
| 880-69890-5 | SW - 17 (3.5'-4.5') | Total/NA | Solid | 8015B NM | 135670 |
| 880-69890-6 | SW - 18 (3.5') | Total/NA | Solid | 8015B NM | 135670 |
| 880-69890-7 | SW - 19 (3.5') | Total/NA | Solid | 8015B NM | 135670 |
| 880-69890-8 | SW - 20 (3.5') | Total/NA | Solid | 8015B NM | 135670 |
| 880-69890-9 | SW - 21 (3.5') | Total/NA | Solid | 8015B NM | 135670 |
| 880-69890-10 | SW - 22 (3.5') | Total/NA | Solid | 8015B NM | 135670 |
| 880-69890-11 | SW - 23 (3.5') | Total/NA | Solid | 8015B NM | 135670 |
| 880-69890-12 | SW - 24 (4.5') | Total/NA | Solid | 8015B NM | 135670 |
| 880-69890-13 | SW - 25 (4.5') | Total/NA | Solid | 8015B NM | 135670 |
| 880-69890-14 | SW - 26 (3.5'-4.5') | Total/NA | Solid | 8015B NM | 135670 |
| MB 880-135670/1-A | Method Blank | Total/NA | Solid | 8015B NM | 135670 |
| LCS 880-135670/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 135670 |
| 880-69890-4 MS | SW - 16 (3.5') | Total/NA | Solid | 8015B NM | 135670 |
| 880-69890-4 MSD | SW - 16 (3.5') | Total/NA | Solid | 8015B NM | 135670 |

### Analysis Batch: 135923

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69890-1 | SW - 13 (3.5') | Total/NA | Solid | 8015 NM | |
| 880-69890-2 | SW - 14 (3.5') | Total/NA | Solid | 8015 NM | |
| 880-69890-3 | SW - 15 (3.5') | Total/NA | Solid | 8015 NM | |
| 880-69890-4 | SW - 16 (3.5') | Total/NA | Solid | 8015 NM | |
| 880-69890-5 | SW - 17 (3.5'-4.5') | Total/NA | Solid | 8015 NM | |
| 880-69890-6 | SW - 18 (3.5') | Total/NA | Solid | 8015 NM | |
| 880-69890-7 | SW - 19 (3.5') | Total/NA | Solid | 8015 NM | |
| 880-69890-8 | SW - 20 (3.5') | Total/NA | Solid | 8015 NM | |
| 880-69890-9 | SW - 21 (3.5') | Total/NA | Solid | 8015 NM | |
| 880-69890-10 | SW - 22 (3.5') | Total/NA | Solid | 8015 NM | |
| 880-69890-11 | SW - 23 (3.5') | Total/NA | Solid | 8015 NM | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

## GC Semi VOA (Continued)

### Analysis Batch: 135923 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69890-12 | SW - 24 (4.5') | Total/NA | Solid | 8015 NM | |
| 880-69890-13 | SW - 25 (4.5') | Total/NA | Solid | 8015 NM | |
| 880-69890-14 | SW - 26 (3.5'-4.5') | Total/NA | Solid | 8015 NM | |

## HPLC/IC

### Leach Batch: 135615

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69890-1 | SW - 13 (3.5') | Soluble | Solid | DI Leach | |
| 880-69890-2 | SW - 14 (3.5') | Soluble | Solid | DI Leach | |
| 880-69890-3 | SW - 15 (3.5') | Soluble | Solid | DI Leach | |
| 880-69890-4 | SW - 16 (3.5') | Soluble | Solid | DI Leach | |
| 880-69890-5 | SW - 17 (3.5'-4.5') | Soluble | Solid | DI Leach | |
| 880-69890-6 | SW - 18 (3.5') | Soluble | Solid | DI Leach | |
| 880-69890-7 | SW - 19 (3.5') | Soluble | Solid | DI Leach | |
| 880-69890-8 | SW - 20 (3.5') | Soluble | Solid | DI Leach | |
| 880-69890-9 | SW - 21 (3.5') | Soluble | Solid | DI Leach | |
| 880-69890-10 | SW - 22 (3.5') | Soluble | Solid | DI Leach | |
| 880-69890-11 | SW - 23 (3.5') | Soluble | Solid | DI Leach | |
| 880-69890-12 | SW - 24 (4.5') | Soluble | Solid | DI Leach | |
| 880-69890-13 | SW - 25 (4.5') | Soluble | Solid | DI Leach | |
| 880-69890-14 | SW - 26 (3.5'-4.5') | Soluble | Solid | DI Leach | |
| MB 880-135615/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-135615/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-135615/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-69890-8 MS | SW - 20 (3.5') | Soluble | Solid | DI Leach | |
| 880-69890-8 MSD | SW - 20 (3.5') | Soluble | Solid | DI Leach | |

### Analysis Batch: 135649

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69890-1 | SW - 13 (3.5') | Soluble | Solid | 300.0 | 135615 |
| 880-69890-2 | SW - 14 (3.5') | Soluble | Solid | 300.0 | 135615 |
| 880-69890-3 | SW - 15 (3.5') | Soluble | Solid | 300.0 | 135615 |
| 880-69890-4 | SW - 16 (3.5') | Soluble | Solid | 300.0 | 135615 |
| 880-69890-5 | SW - 17 (3.5'-4.5') | Soluble | Solid | 300.0 | 135615 |
| 880-69890-6 | SW - 18 (3.5') | Soluble | Solid | 300.0 | 135615 |
| 880-69890-7 | SW - 19 (3.5') | Soluble | Solid | 300.0 | 135615 |
| 880-69890-8 | SW - 20 (3.5') | Soluble | Solid | 300.0 | 135615 |
| 880-69890-9 | SW - 21 (3.5') | Soluble | Solid | 300.0 | 135615 |
| 880-69890-10 | SW - 22 (3.5') | Soluble | Solid | 300.0 | 135615 |
| 880-69890-11 | SW - 23 (3.5') | Soluble | Solid | 300.0 | 135615 |
| 880-69890-12 | SW - 24 (4.5') | Soluble | Solid | 300.0 | 135615 |
| 880-69890-13 | SW - 25 (4.5') | Soluble | Solid | 300.0 | 135615 |
| 880-69890-14 | SW - 26 (3.5'-4.5') | Soluble | Solid | 300.0 | 135615 |
| MB 880-135615/1-A | Method Blank | Soluble | Solid | 300.0 | 135615 |
| LCS 880-135615/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 135615 |
| LCSD 880-135615/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 135615 |
| 880-69890-8 MS | SW - 20 (3.5') | Soluble | Solid | 300.0 | 135615 |
| 880-69890-8 MSD | SW - 20 (3.5') | Soluble | Solid | 300.0 | 135615 |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

## Client Sample ID: SW - 13 (3.5')

**Lab Sample ID: 880-69890-1**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135680 | 03/23/26 20:00 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135740 | 03/24/26 15:13 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135788 | 03/24/26 15:13 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135923 | 03/25/26 12:28 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135669 | 03/23/26 12:50 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 12:28 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135615 | 03/23/26 10:16 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135649 | 03/23/26 17:31 | SMC | EET MID |

## Client Sample ID: SW - 14 (3.5')

**Lab Sample ID: 880-69890-2**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135680 | 03/23/26 20:00 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135740 | 03/24/26 16:48 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135788 | 03/24/26 16:48 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135923 | 03/25/26 12:48 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 135669 | 03/23/26 12:50 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 12:48 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 135615 | 03/23/26 10:16 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135649 | 03/23/26 17:43 | SMC | EET MID |

## Client Sample ID: SW - 15 (3.5')

**Lab Sample ID: 880-69890-3**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135680 | 03/23/26 20:00 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135740 | 03/24/26 17:08 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135788 | 03/24/26 17:08 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135923 | 03/25/26 13:09 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 135669 | 03/23/26 12:50 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135825 | 03/25/26 13:09 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 135615 | 03/23/26 10:16 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135649 | 03/23/26 18:19 | SMC | EET MID |

## Client Sample ID: SW - 16 (3.5')

**Lab Sample ID: 880-69890-4**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135680 | 03/23/26 20:00 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135740 | 03/24/26 17:29 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135788 | 03/24/26 17:29 | SA | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

## Client Sample ID: SW - 16 (3.5')

**Lab Sample ID: 880-69890-4**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | | | 135923 | 03/24/26 19:42 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135670 | 03/23/26 12:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135826 | 03/24/26 19:42 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 135615 | 03/23/26 10:16 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135649 | 03/23/26 18:31 | SMC | EET MID |

## Client Sample ID: SW - 17 (3.5'-4.5')

**Lab Sample ID: 880-69890-5**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135680 | 03/23/26 20:00 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135740 | 03/24/26 17:49 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135788 | 03/24/26 17:49 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135923 | 03/24/26 20:43 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 135670 | 03/23/26 12:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135826 | 03/24/26 20:43 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 135615 | 03/23/26 10:16 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135649 | 03/23/26 18:43 | SMC | EET MID |

## Client Sample ID: SW - 18 (3.5')

**Lab Sample ID: 880-69890-6**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135680 | 03/23/26 20:00 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135740 | 03/24/26 18:10 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135788 | 03/24/26 18:10 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135923 | 03/24/26 21:04 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135670 | 03/23/26 12:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135826 | 03/24/26 21:04 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135615 | 03/23/26 10:16 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135649 | 03/23/26 18:55 | SMC | EET MID |

## Client Sample ID: SW - 19 (3.5')

**Lab Sample ID: 880-69890-7**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135680 | 03/23/26 20:00 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135740 | 03/24/26 18:30 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135788 | 03/24/26 18:30 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135923 | 03/24/26 21:25 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10.00 mL | 135670 | 03/23/26 12:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135826 | 03/24/26 21:25 | FC | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

## Client Sample ID: SW - 19 (3.5')

**Lab Sample ID: 880-69890-7**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135615 | 03/23/26 10:16 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135649 | 03/23/26 19:07 | SMC | EET MID |

## Client Sample ID: SW - 20 (3.5')

**Lab Sample ID: 880-69890-8**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135680 | 03/23/26 20:00 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135740 | 03/24/26 18:50 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135788 | 03/24/26 18:50 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135923 | 03/24/26 21:45 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 135670 | 03/23/26 12:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135826 | 03/24/26 21:45 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 135615 | 03/23/26 10:16 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135649 | 03/23/26 19:19 | SMC | EET MID |

## Client Sample ID: SW - 21 (3.5')

**Lab Sample ID: 880-69890-9**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135680 | 03/23/26 20:00 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135740 | 03/24/26 19:11 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135788 | 03/24/26 19:11 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135923 | 03/24/26 22:07 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135670 | 03/23/26 12:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135826 | 03/24/26 22:07 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 135615 | 03/23/26 10:16 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135649 | 03/23/26 19:54 | SMC | EET MID |

## Client Sample ID: SW - 22 (3.5')

**Lab Sample ID: 880-69890-10**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135680 | 03/23/26 20:00 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135740 | 03/24/26 19:31 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135788 | 03/24/26 19:31 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135923 | 03/24/26 22:27 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135670 | 03/23/26 12:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135826 | 03/24/26 22:27 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 135615 | 03/23/26 10:16 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135649 | 03/23/26 20:06 | SMC | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

## Client Sample ID: SW - 23 (3.5')

**Lab Sample ID: 880-69890-11**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135680 | 03/23/26 20:00 | AA | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135740 | 03/24/26 19:52 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135788 | 03/24/26 19:52 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135923 | 03/24/26 22:48 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135670 | 03/23/26 12:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135826 | 03/24/26 22:48 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135615 | 03/23/26 10:16 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135649 | 03/23/26 20:42 | SMC | EET MID |

## Client Sample ID: SW - 24 (4.5')

**Lab Sample ID: 880-69890-12**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135707 | 03/23/26 14:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135580 | 03/24/26 03:22 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135788 | 03/24/26 03:22 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135923 | 03/24/26 23:08 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10.00 mL | 135670 | 03/23/26 12:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135826 | 03/24/26 23:08 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 135615 | 03/23/26 10:16 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135649 | 03/23/26 20:54 | SMC | EET MID |

## Client Sample ID: SW - 25 (4.5')

**Lab Sample ID: 880-69890-13**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135707 | 03/23/26 14:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135580 | 03/24/26 03:43 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135788 | 03/24/26 03:43 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135923 | 03/24/26 23:29 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135670 | 03/23/26 12:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135826 | 03/24/26 23:29 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 135615 | 03/23/26 10:16 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135649 | 03/23/26 21:06 | SMC | EET MID |

## Client Sample ID: SW - 26 (3.5'-4.5')

**Lab Sample ID: 880-69890-14**
**Matrix: Solid**
**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

| 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 | 135707 | 03/23/26 14:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135580 | 03/24/26 04:03 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135788 | 03/24/26 04:03 | SA | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

## Client Sample ID: SW - 26 (3.5'-4.5')

**Date Collected: 03/20/26 00:00**
**Date Received: 03/20/26 15:37**

## Lab Sample ID: 880-69890-14

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 135923 | 03/25/26 00:10 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135670 | 03/23/26 12:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135826 | 03/25/26 00:10 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 135615 | 03/23/26 10:16 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135649 | 03/23/26 21:18 | 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: Berry 2 (02.16.2026)

Job ID: 880-69890-1
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: Berry 2 (02.16.2026)

Job ID: 880-69890-1
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: Berry 2 (02.16.2026)

Job ID: 880-69890-1
SDG: Lea County, New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 880-69890-1 | SW - 13 (3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69890-2 | SW - 14 (3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69890-3 | SW - 15 (3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69890-4 | SW - 16 (3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69890-5 | SW - 17 (3.5'-4.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69890-6 | SW - 18 (3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69890-7 | SW - 19 (3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69890-8 | SW - 20 (3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69890-9 | SW - 21 (3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69890-10 | SW - 22 (3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69890-11 | SW - 23 (3.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69890-12 | SW - 24 (4.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69890-13 | SW - 25 (4.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |
| 880-69890-14 | SW - 26 (3.5'-4.5') | Solid | 03/20/26 00:00 | 03/20/26 15:37 | New Mexico |

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# Chain of Custody

880-69890 Chain of Custody

3/25/2026

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| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | |
| Project Number: | 3161 | ☐ Routine | ☑ Rush |
| Project Location | Lea County, New Mexico | Due Date: | 72 Hour |
| 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: | 3.1 |
| Total Containers: | | Corrected Temperature: | 3.2 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW-13 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| SW-14 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| SW-15 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| SW-16 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| SW-17 (3.5'-4.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| SW-18 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| SW-19 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| SW-20 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| SW-21 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |
| SW-22 (3.5') | 3/20/2026 | | X | | C | 1 | | X | X | X | | |

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 3.20.26 1537 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

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# Chain of Custody

**Work Order No:** _____

3/25/2026

Page 2 of 2

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | |
| Project Number: | 3161 | ☐ Routine | ☑ Rush |
| Project Location | Lea County, New Mexico | Due Date: | 72 Hour |
| 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: | 3.1 |
| Total Containers: | | Corrected Temperature: | 3.2 |

**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 | Parameters | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | HOLD | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW-23 (3.5') | 3/20/2026 | | X | | C | 1 | | | X | X | X | | |
| SW-24 (4.5') | 3/20/2026 | | X | | C | 1 | | | X | X | X | | |
| SW-25 (4.5') | 3/20/2026 | | X | | C | 1 | | | X | X | X | | |
| SW-26 (3.5'-4.5') | 3/20/2026 | | X | | C | 1 | | | X | X | X | | |

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 3.20.26 1537 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

Revised Date 05012020 Rev. 2020.1

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# Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-69890-1
SDG Number: Lea County, New Mexico

**Login Number: 69890**
**List Number: 1**
**Creator: Neeld, Linsey**

**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 3/25/2026 2:48:15 PM

## JOB DESCRIPTION

Berry 2 (2.16.2026)
3161

## JOB NUMBER

880-69942-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.



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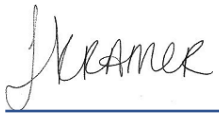
# Eurofins Midland

## 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
3/25/2026 2:48:15 PM

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

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Laboratory Job ID: 880-69942-1
SDG: 3161

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# Definitions/Glossary

Client: Carmona Resources Job ID: 880-69942-1
Project/Site: Berry 2 (2.16.2026) SDG: 3161

## 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: Berry 2 (2.16.2026)

Job ID: 880-69942-1

## Job ID: 880-69942-1 Eurofins Midland

**Job Narrative**
**880-69942-1**

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 3/23/2026 4:19 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.4°C.

**Receipt Exceptions**
The following samples were received and analyzed from an unpreserved bulk soil jar: SW-27(4.5') (880-69942-1), SW-28(4.5') (880-69942-2), SW-29(4.5') (880-69942-3), SW-30(4.5') (880-69942-4), SW-31(4.5') (880-69942-5), SW-32(4.5') (880-69942-6), SW-33(4.5') (880-69942-7), SW-34(4.5') (880-69942-8), SW-35(4.5') (880-69942-9) and SW-36(4.5') (880-69942-10).

**GC VOA**
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-135749 and analytical batch 880-135736 was outside the upper control limits.

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

**Diesel Range Organics**
Method 8015B NM: Surrogate recovery for the following samples were outside control limits: SW-27(4.5') (880-69942-1), SW-34(4.5') (880-69942-8), SW-35(4.5') (880-69942-9) and SW-36(4.5') (880-69942-10). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: SW-29(4.5') (880-69942-3). Evidence of matrix interferences is not obvious.

Method 8015B NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-135731 and analytical batch 880-135821 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was 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: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

## Client Sample ID: SW-27(4.5')

**Lab Sample ID: 880-69942-1**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 13:10 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 13:10 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 13:10 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 13:10 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 13:10 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 13:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* | *03/24/26 09:29* | *03/24/26 13:10* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *03/24/26 09:29* | *03/24/26 13:10* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 03/24/26 13:10 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 03/24/26 23:42 | 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 | <50.2 | U | 50.2 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 23:42 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 23:42 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 23:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *138* | *S1+* | *70 - 130* | *03/24/26 07:49* | *03/24/26 23:42* | *1* |
| *o-Terphenyl (Surr)* | *134* | *S1+* | *70 - 130* | *03/24/26 07:49* | *03/24/26 23:42* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **152** | | 9.96 | | mg/Kg | | | 03/24/26 11:40 | 1 |

## Client Sample ID: SW-28(4.5')

**Lab Sample ID: 880-69942-2**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 13:31 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 13:31 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 13:31 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 13:31 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 13:31 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 13:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* | *03/24/26 09:29* | *03/24/26 13:31* | *1* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* | *03/24/26 09:29* | *03/24/26 13:31* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

## Client Sample ID: SW-28(4.5')

**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

**Lab Sample ID: 880-69942-2**
**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 | | | 03/24/26 13:31 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 03/25/26 00:21 | 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 | <50.3 | U | 50.3 | | mg/Kg | | 03/24/26 07:49 | 03/25/26 00:21 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 03/24/26 07:49 | 03/25/26 00:21 | 1 |
| Oil Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 03/24/26 07:49 | 03/25/26 00:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *127* | | *70 - 130* | *03/24/26 07:49* | *03/25/26 00:21* | *1* |
| *o-Terphenyl (Surr)* | *115* | | *70 - 130* | *03/24/26 07:49* | *03/25/26 00:21* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **25.3** | | 10.0 | | mg/Kg | | | 03/24/26 11:47 | 1 |

## Client Sample ID: SW-29(4.5')

**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

**Lab Sample ID: 880-69942-3**
**Matrix: Solid**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 12:49 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 12:49 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 12:49 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 12:49 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 12:49 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 12:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *70 - 130* | *03/24/26 09:54* | *03/24/26 12:49* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *03/24/26 09:54* | *03/24/26 12:49* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 03/24/26 12:49 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/25/26 00:40 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/25/26 00:40 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/25/26 00:40 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

## Client Sample ID: SW-29(4.5')

**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

**Lab Sample ID: 880-69942-3**
**Matrix: Solid**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/25/26 00:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *135* | *S1+* | *70 - 130* | *03/24/26 07:49* | *03/25/26 00:40* | *1* |
| *o-Terphenyl (Surr)* | *130* | | *70 - 130* | *03/24/26 07:49* | *03/25/26 00:40* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **90.3** | | 9.92 | | mg/Kg | | | 03/24/26 12:07 | 1 |

## Client Sample ID: SW-30(4.5')

**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

**Lab Sample ID: 880-69942-4**
**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 | | 03/24/26 09:54 | 03/24/26 13:10 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 13:10 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 13:10 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 13:10 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 13:10 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 13:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *115* | | *70 - 130* | *03/24/26 09:54* | *03/24/26 13:10* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/24/26 09:54* | *03/24/26 13:10* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 03/24/26 13:10 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 03/25/26 00:59 | 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 | | 03/24/26 07:49 | 03/25/26 00:59 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/24/26 07:49 | 03/25/26 00:59 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/24/26 07:49 | 03/25/26 00:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *120* | | *70 - 130* | *03/24/26 07:49* | *03/25/26 00:59* | *1* |
| *o-Terphenyl (Surr)* | *113* | | *70 - 130* | *03/24/26 07:49* | *03/25/26 00:59* | *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 | | | 03/24/26 12:13 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

## Client Sample ID: SW-31(4.5')

**Lab Sample ID: 880-69942-5**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 13:30 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 13:30 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 13:30 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 13:30 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 13:30 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 13:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *117* | | *70 - 130* | *03/24/26 09:54* | *03/24/26 13:30* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/24/26 09:54* | *03/24/26 13:30* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 03/24/26 13:30 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/25/26 01:18 | 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 | | 03/24/26 07:49 | 03/25/26 01:18 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/25/26 01:18 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/25/26 01:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *117* | | *70 - 130* | *03/24/26 07:49* | *03/25/26 01:18* | *1* |
| *o-Terphenyl (Surr)* | *111* | | *70 - 130* | *03/24/26 07:49* | *03/25/26 01:18* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **23.9** | | 10.0 | | mg/Kg | | | 03/24/26 12:33 | 1 |

## Client Sample ID: SW-32(4.5')

**Lab Sample ID: 880-69942-6**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 13:51 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 13:51 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 13:51 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 13:51 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 13:51 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 13:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *112* | | *70 - 130* | *03/24/26 09:54* | *03/24/26 13:51* | *1* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* | *03/24/26 09:54* | *03/24/26 13:51* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

## Client Sample ID: SW-32(4.5')

**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

## Lab Sample ID: 880-69942-6

**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 | | | 03/24/26 13:51 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 03/25/26 01:37 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 03/24/26 07:49 | 03/25/26 01:37 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 03/24/26 07:49 | 03/25/26 01:37 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/24/26 07:49 | 03/25/26 01:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *128* | | *70 - 130* | *03/24/26 07:49* | *03/25/26 01:37* | *1* |
| *o-Terphenyl (Surr)* | *125* | | *70 - 130* | *03/24/26 07:49* | *03/25/26 01:37* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **26.0** | | 9.96 | | mg/Kg | | | 03/24/26 12:40 | 1 |

## Client Sample ID: SW-33(4.5')

**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

## Lab Sample ID: 880-69942-7

**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 | | 03/24/26 09:54 | 03/24/26 14:11 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 14:11 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 14:11 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 14:11 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 14:11 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 14:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *127* | | *70 - 130* | *03/24/26 09:54* | *03/24/26 14:11* | *1* |
| *1,4-Difluorobenzene (Surr)* | *106* | | *70 - 130* | *03/24/26 09:54* | *03/24/26 14:11* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 03/24/26 14:11 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/25/26 01:57 | 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 | | 03/24/26 07:49 | 03/25/26 01:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/25/26 01:57 | 1 |

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# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

## Client Sample ID: SW-33(4.5')

**Lab Sample ID: 880-69942-7**
**Date Collected: 03/23/26 00:00**
**Matrix: Solid**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/25/26 01:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *111* | | *70 - 130* | *03/24/26 07:49* | *03/25/26 01:57* | *1* |
| *o-Terphenyl (Surr)* | *105* | | *70 - 130* | *03/24/26 07:49* | *03/25/26 01:57* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **26.2** | | 9.94 | | mg/Kg | | | 03/24/26 12:46 | 1 |

## Client Sample ID: SW-34(4.5')

**Lab Sample ID: 880-69942-8**
**Date Collected: 03/23/26 00:00**
**Matrix: Solid**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 14:32 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 14:32 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 14:32 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 14:32 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 14:32 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 14:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *116* | | *70 - 130* | *03/24/26 09:54* | *03/24/26 14:32* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *03/24/26 09:54* | *03/24/26 14:32* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 03/24/26 14:32 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/25/26 02:16 | 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 | | 03/24/26 07:49 | 03/25/26 02:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/25/26 02:16 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/25/26 02:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *237* | *S1+* | *70 - 130* | *03/24/26 07:49* | *03/25/26 02:16* | *1* |
| *o-Terphenyl (Surr)* | *218* | *S1+* | *70 - 130* | *03/24/26 07:49* | *03/25/26 02:16* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **26.2** | | 9.96 | | mg/Kg | | | 03/24/26 12:53 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

## Client Sample ID: SW-35(4.5')

**Lab Sample ID: 880-69942-9**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 14:52 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 14:52 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 14:52 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 14:52 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 14:52 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 14:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *113* | | *70 - 130* | *03/24/26 09:54* | *03/24/26 14:52* | *1* |
| *1,4-Difluorobenzene (Surr)* | *93* | | *70 - 130* | *03/24/26 09:54* | *03/24/26 14:52* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 03/24/26 14:52 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 03/25/26 02:35 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/25/26 02:35 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/25/26 02:35 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/25/26 02:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *144* | *S1+* | *70 - 130* | *03/24/26 07:49* | *03/25/26 02:35* | *1* |
| *o-Terphenyl (Surr)* | *137* | *S1+* | *70 - 130* | *03/24/26 07:49* | *03/25/26 02:35* | *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 | | | 03/24/26 13:00 | 1 |

## Client Sample ID: SW-36(4.5')

**Lab Sample ID: 880-69942-10**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 15:13 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 15:13 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 15:13 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 15:13 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 15:13 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 15:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *120* | | *70 - 130* | *03/24/26 09:54* | *03/24/26 15:13* | *1* |
| *1,4-Difluorobenzene (Surr)* | *93* | | *70 - 130* | *03/24/26 09:54* | *03/24/26 15:13* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

**Client Sample ID: SW-36(4.5')**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

**Lab Sample ID: 880-69942-10**
**Matrix: Solid**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 03/24/26 15:13 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 03/25/26 02:54 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 03/24/26 07:49 | 03/25/26 02:54 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/24/26 07:49 | 03/25/26 02:54 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/24/26 07:49 | 03/25/26 02:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *154* | *S1+* | *70 - 130* | *03/24/26 07:49* | *03/25/26 02:54* | *1* |
| *o-Terphenyl (Surr)* | *147* | *S1+* | *70 - 130* | *03/24/26 07:49* | *03/25/26 02:54* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <10.1 | U | 10.1 | | mg/Kg | | | 03/24/26 13:06 | 1 |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

## 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) | | | | | | | | | | |
| 880-69941-A-25-C MS | Matrix Spike | 101 | 94 | | | | | | | | | | |
| 880-69941-A-25-D MSD | Matrix Spike Duplicate | 103 | 98 | | | | | | | | | | |
| 880-69942-1 | SW-27(4.5') | 98 | 98 | | | | | | | | | | |
| 880-69942-2 | SW-28(4.5') | 102 | 102 | | | | | | | | | | |
| 880-69942-3 | SW-29(4.5') | 104 | 97 | | | | | | | | | | |
| 880-69942-3 MS | SW-29(4.5') | 99 | 98 | | | | | | | | | | |
| 880-69942-3 MSD | SW-29(4.5') | 96 | 96 | | | | | | | | | | |
| 880-69942-4 | SW-30(4.5') | 115 | 101 | | | | | | | | | | |
| 880-69942-5 | SW-31(4.5') | 117 | 101 | | | | | | | | | | |
| 880-69942-6 | SW-32(4.5') | 112 | 94 | | | | | | | | | | |
| 880-69942-7 | SW-33(4.5') | 127 | 106 | | | | | | | | | | |
| 880-69942-8 | SW-34(4.5') | 116 | 101 | | | | | | | | | | |
| 880-69942-9 | SW-35(4.5') | 113 | 93 | | | | | | | | | | |
| 880-69942-10 | SW-36(4.5') | 120 | 93 | | | | | | | | | | |
| LCS 880-135745/1-A | Lab Control Sample | 100 | 94 | | | | | | | | | | |
| LCS 880-135749/1-A | Lab Control Sample | 91 | 99 | | | | | | | | | | |
| LCSD 880-135745/2-A | Lab Control Sample Dup | 99 | 100 | | | | | | | | | | |
| LCSD 880-135749/2-A | Lab Control Sample Dup | 98 | 91 | | | | | | | | | | |
| MB 880-135745/5-A | Method Blank | 102 | 103 | | | | | | | | | | |
| MB 880-135749/5-A | Method Blank | 188 S1+ | 94 | | | | | | | | | | |

**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) | | | | | | | | | | |
| 880-69941-A-21-B MS | Matrix Spike | 124 | 110 | | | | | | | | | | |
| 880-69941-A-21-C MSD | Matrix Spike Duplicate | 106 | 92 | | | | | | | | | | |
| 880-69942-1 | SW-27(4.5') | 138 S1+ | 134 S1+ | | | | | | | | | | |
| 880-69942-2 | SW-28(4.5') | 127 | 115 | | | | | | | | | | |
| 880-69942-3 | SW-29(4.5') | 135 S1+ | 130 | | | | | | | | | | |
| 880-69942-4 | SW-30(4.5') | 120 | 113 | | | | | | | | | | |
| 880-69942-5 | SW-31(4.5') | 117 | 111 | | | | | | | | | | |
| 880-69942-6 | SW-32(4.5') | 128 | 125 | | | | | | | | | | |
| 880-69942-7 | SW-33(4.5') | 111 | 105 | | | | | | | | | | |
| 880-69942-8 | SW-34(4.5') | 237 S1+ | 218 S1+ | | | | | | | | | | |
| 880-69942-9 | SW-35(4.5') | 144 S1+ | 137 S1+ | | | | | | | | | | |
| 880-69942-10 | SW-36(4.5') | 154 S1+ | 147 S1+ | | | | | | | | | | |
| LCS 880-135731/2-A | Lab Control Sample | 101 | 94 | | | | | | | | | | |
| LCSD 880-135731/3-A | Lab Control Sample Dup | 98 | 87 | | | | | | | | | | |
| MB 880-135731/1-A | Method Blank | 91 | 88 | | | | | | | | | | |

**Surrogate Legend**

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

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# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

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

**Lab Sample ID: MB 880-135745/5-A**
**Matrix: Solid**
**Analysis Batch: 135737**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135745**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:05 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:05 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:05 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:05 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:05 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/24/26 09:29 | 03/24/26 11:05 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* | *03/24/26 09:29* | *03/24/26 11:05* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/24/26 09:29* | *03/24/26 11:05* | *1* |

**Lab Sample ID: LCS 880-135745/1-A**
**Matrix: Solid**
**Analysis Batch: 135737**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135745**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1080 | | mg/Kg | | 108 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.09423 | | mg/Kg | | 94 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1037 | | mg/Kg | | 104 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.1982 | | mg/Kg | | 99 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1041 | | mg/Kg | | 104 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135745/2-A**
**Matrix: Solid**
**Analysis Batch: 135737**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135745**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1215 | | mg/Kg | | 122 | 70 - 130 | 12 | 35 |
| Toluene | | | 0.100 | 0.1078 | | mg/Kg | | 108 | 70 - 130 | 13 | 35 |
| Ethylbenzene | | | 0.100 | 0.1197 | | mg/Kg | | 120 | 70 - 130 | 14 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2258 | | mg/Kg | | 113 | 70 - 130 | 13 | 35 |
| o-Xylene | | | 0.100 | 0.1145 | | mg/Kg | | 115 | 70 - 130 | 10 | 35 |

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

**Lab Sample ID: 880-69941-A-25-C MS**
**Matrix: Solid**
**Analysis Batch: 135737**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 135745**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.09687 | | mg/Kg | | 97 | 70 - 130 | | |
| Toluene | <0.00200 | U | 0.100 | 0.08667 | | mg/Kg | | 87 | 70 - 130 | | |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

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

**Lab Sample ID: 880-69941-A-25-C MS**
**Matrix: Solid**
**Analysis Batch: 135737**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 135745**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | <0.00200 | U | 0.100 | 0.09667 | | mg/Kg | | 97 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1818 | | mg/Kg | | 91 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.100 | 0.09273 | | mg/Kg | | 93 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* |

**Lab Sample ID: 880-69941-A-25-D MSD**
**Matrix: Solid**
**Analysis Batch: 135737**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 135745**

| 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 | 0.1098 | | mg/Kg | | 110 | 70 - 130 | 13 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.09649 | | mg/Kg | | 96 | 70 - 130 | 11 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.1062 | | mg/Kg | | 106 | 70 - 130 | 9 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.2051 | | mg/Kg | | 103 | 70 - 130 | 12 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.1020 | | mg/Kg | | 102 | 70 - 130 | 10 | 35 |

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

**Lab Sample ID: MB 880-135749/5-A**
**Matrix: Solid**
**Analysis Batch: 135736**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135749**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 12:20 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 12:20 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 12:20 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 12:20 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 12:20 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/24/26 09:54 | 03/24/26 12:20 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *188* | *S1+* | *70 - 130* | *03/24/26 09:54* | *03/24/26 12:20* | *1* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* | *03/24/26 09:54* | *03/24/26 12:20* | *1* |

**Lab Sample ID: LCS 880-135749/1-A**
**Matrix: Solid**
**Analysis Batch: 135736**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135749**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.1032 | | mg/Kg | | 103 | 70 - 130 |
| Toluene | 0.100 | 0.09003 | | mg/Kg | | 90 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.1053 | | mg/Kg | | 105 | 70 - 130 |
| m,p-Xylenes | 0.200 | 0.1854 | | mg/Kg | | 93 | 70 - 130 |

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# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

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

**Lab Sample ID: LCS 880-135749/1-A**
**Matrix: Solid**
**Analysis Batch: 135736**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135749**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| o-Xylene | | | 0.100 | 0.09976 | | mg/Kg | | 100 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135749/2-A**
**Matrix: Solid**
**Analysis Batch: 135736**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135749**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1076 | | mg/Kg | | 108 | 70 - 130 | 4 | 35 |
| Toluene | | | 0.100 | 0.1017 | | mg/Kg | | 102 | 70 - 130 | 12 | 35 |
| Ethylbenzene | | | 0.100 | 0.1159 | | mg/Kg | | 116 | 70 - 130 | 10 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2014 | | mg/Kg | | 101 | 70 - 130 | 8 | 35 |
| o-Xylene | | | 0.100 | 0.1081 | | mg/Kg | | 108 | 70 - 130 | 8 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *91* | | *70 - 130* |

**Lab Sample ID: 880-69942-3 MS**
**Matrix: Solid**
**Analysis Batch: 135736**

**Client Sample ID: SW-29(4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135749**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.1102 | | mg/Kg | | 110 | 70 - 130 | | |
| Toluene | <0.00200 | U | 0.100 | 0.09471 | | mg/Kg | | 95 | 70 - 130 | | |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.1100 | | mg/Kg | | 110 | 70 - 130 | | |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1956 | | mg/Kg | | 98 | 70 - 130 | | |
| o-Xylene | <0.00200 | U | 0.100 | 0.1059 | | mg/Kg | | 106 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* |

**Lab Sample ID: 880-69942-3 MSD**
**Matrix: Solid**
**Analysis Batch: 135736**

**Client Sample ID: SW-29(4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135749**

| 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 | 0.1032 | | mg/Kg | | 103 | 70 - 130 | 7 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.08834 | | mg/Kg | | 88 | 70 - 130 | 7 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.1067 | | mg/Kg | | 107 | 70 - 130 | 3 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1827 | | mg/Kg | | 91 | 70 - 130 | 7 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.09776 | | mg/Kg | | 98 | 70 - 130 | 8 | 35 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

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

**Lab Sample ID: 880-69942-3 MSD**
**Matrix: Solid**
**Analysis Batch: 135736**

**Client Sample ID: SW-29(4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135749**

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* |

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

**Lab Sample ID: MB 880-135731/1-A**
**Matrix: Solid**
**Analysis Batch: 135821**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135731**

| 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 | | 03/24/26 07:49 | 03/24/26 15:18 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 15:18 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 07:49 | 03/24/26 15:18 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *91* | | *70 - 130* | *03/24/26 07:49* | *03/24/26 15:18* | *1* |
| *o-Terphenyl (Surr)* | *88* | | *70 - 130* | *03/24/26 07:49* | *03/24/26 15:18* | *1* |

**Lab Sample ID: LCS 880-135731/2-A**
**Matrix: Solid**
**Analysis Batch: 135821**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135731**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1165 | | mg/Kg | | 116 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1245 | | mg/Kg | | 124 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *94* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135731/3-A**
**Matrix: Solid**
**Analysis Batch: 135821**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135731**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1143 | | mg/Kg | | 114 | 70 - 130 | 2 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1165 | | mg/Kg | | 117 | 70 - 130 | 7 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *98* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *87* | | *70 - 130* |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

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

**Lab Sample ID: 880-69941-A-21-B MS**
**Matrix: Solid**
**Analysis Batch: 135821**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 135731**

| 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 | 957.4 | | mg/Kg | | 96 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U F1 | 1000 | 842.9 | | mg/Kg | | 80 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *124* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *110* | | *70 - 130* |

**Lab Sample ID: 880-69941-A-21-C MSD**
**Matrix: Solid**
**Analysis Batch: 135821**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 135731**

| 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 | 874.2 | | mg/Kg | | 87 | 70 - 130 | 9 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U F1 | 1000 | 721.6 | F1 | mg/Kg | | 68 | 70 - 130 | 16 | 20 |

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

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-135735/1-A**
**Matrix: Solid**
**Analysis Batch: 135748**

**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 | | | 03/24/26 09:54 | 1 |

**Lab Sample ID: LCS 880-135735/2-A**
**Matrix: Solid**
**Analysis Batch: 135748**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 234.9 | | mg/Kg | | 94 | 90 - 110 |

**Lab Sample ID: LCSD 880-135735/3-A**
**Matrix: Solid**
**Analysis Batch: 135748**

**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 | 236.2 | | mg/Kg | | 94 | 90 - 110 | 1 | 20 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

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

**Lab Sample ID: 880-69942-2 MS**
**Matrix: Solid**
**Analysis Batch: 135748**

**Client Sample ID: SW-28(4.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 25.3 | | 250 | 277.2 | | mg/Kg | | 101 | 90 - 110 | | |

**Lab Sample ID: 880-69942-2 MSD**
**Matrix: Solid**
**Analysis Batch: 135748**

**Client Sample ID: SW-28(4.5')**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 25.3 | | 250 | 276.6 | | mg/Kg | | 101 | 90 - 110 | 0 | 20 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

## GC VOA

### Analysis Batch: 135736

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69942-3 | SW-29(4.5') | Total/NA | Solid | 8021B | 135749 |
| 880-69942-4 | SW-30(4.5') | Total/NA | Solid | 8021B | 135749 |
| 880-69942-5 | SW-31(4.5') | Total/NA | Solid | 8021B | 135749 |
| 880-69942-6 | SW-32(4.5') | Total/NA | Solid | 8021B | 135749 |
| 880-69942-7 | SW-33(4.5') | Total/NA | Solid | 8021B | 135749 |
| 880-69942-8 | SW-34(4.5') | Total/NA | Solid | 8021B | 135749 |
| 880-69942-9 | SW-35(4.5') | Total/NA | Solid | 8021B | 135749 |
| 880-69942-10 | SW-36(4.5') | Total/NA | Solid | 8021B | 135749 |
| MB 880-135749/5-A | Method Blank | Total/NA | Solid | 8021B | 135749 |
| LCS 880-135749/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 135749 |
| LCSD 880-135749/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 135749 |
| 880-69942-3 MS | SW-29(4.5') | Total/NA | Solid | 8021B | 135749 |
| 880-69942-3 MSD | SW-29(4.5') | Total/NA | Solid | 8021B | 135749 |

### Analysis Batch: 135737

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69942-1 | SW-27(4.5') | Total/NA | Solid | 8021B | 135745 |
| 880-69942-2 | SW-28(4.5') | Total/NA | Solid | 8021B | 135745 |
| MB 880-135745/5-A | Method Blank | Total/NA | Solid | 8021B | 135745 |
| LCS 880-135745/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 135745 |
| LCSD 880-135745/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 135745 |
| 880-69941-A-25-C MS | Matrix Spike | Total/NA | Solid | 8021B | 135745 |
| 880-69941-A-25-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 135745 |

### Prep Batch: 135745

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69942-1 | SW-27(4.5') | Total/NA | Solid | 5035 | |
| 880-69942-2 | SW-28(4.5') | Total/NA | Solid | 5035 | |
| MB 880-135745/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-135745/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-135745/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-69941-A-25-C MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-69941-A-25-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

### Prep Batch: 135749

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69942-3 | SW-29(4.5') | Total/NA | Solid | 5035 | |
| 880-69942-4 | SW-30(4.5') | Total/NA | Solid | 5035 | |
| 880-69942-5 | SW-31(4.5') | Total/NA | Solid | 5035 | |
| 880-69942-6 | SW-32(4.5') | Total/NA | Solid | 5035 | |
| 880-69942-7 | SW-33(4.5') | Total/NA | Solid | 5035 | |
| 880-69942-8 | SW-34(4.5') | Total/NA | Solid | 5035 | |
| 880-69942-9 | SW-35(4.5') | Total/NA | Solid | 5035 | |
| 880-69942-10 | SW-36(4.5') | Total/NA | Solid | 5035 | |
| MB 880-135749/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-135749/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-135749/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-69942-3 MS | SW-29(4.5') | Total/NA | Solid | 5035 | |
| 880-69942-3 MSD | SW-29(4.5') | Total/NA | Solid | 5035 | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

## GC VOA

### Analysis Batch: 135805

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69942-1 | SW-27(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69942-2 | SW-28(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69942-3 | SW-29(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69942-4 | SW-30(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69942-5 | SW-31(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69942-6 | SW-32(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69942-7 | SW-33(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69942-8 | SW-34(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69942-9 | SW-35(4.5') | Total/NA | Solid | Total BTEX | |
| 880-69942-10 | SW-36(4.5') | Total/NA | Solid | Total BTEX | |

## GC Semi VOA

### Prep Batch: 135731

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69942-1 | SW-27(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69942-2 | SW-28(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69942-3 | SW-29(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69942-4 | SW-30(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69942-5 | SW-31(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69942-6 | SW-32(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69942-7 | SW-33(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69942-8 | SW-34(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69942-9 | SW-35(4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69942-10 | SW-36(4.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-135731/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-135731/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-135731/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-69941-A-21-B MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-69941-A-21-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 135821

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69942-1 | SW-27(4.5') | Total/NA | Solid | 8015B NM | 135731 |
| 880-69942-2 | SW-28(4.5') | Total/NA | Solid | 8015B NM | 135731 |
| 880-69942-3 | SW-29(4.5') | Total/NA | Solid | 8015B NM | 135731 |
| 880-69942-4 | SW-30(4.5') | Total/NA | Solid | 8015B NM | 135731 |
| 880-69942-5 | SW-31(4.5') | Total/NA | Solid | 8015B NM | 135731 |
| 880-69942-6 | SW-32(4.5') | Total/NA | Solid | 8015B NM | 135731 |
| 880-69942-7 | SW-33(4.5') | Total/NA | Solid | 8015B NM | 135731 |
| 880-69942-8 | SW-34(4.5') | Total/NA | Solid | 8015B NM | 135731 |
| 880-69942-9 | SW-35(4.5') | Total/NA | Solid | 8015B NM | 135731 |
| 880-69942-10 | SW-36(4.5') | Total/NA | Solid | 8015B NM | 135731 |
| MB 880-135731/1-A | Method Blank | Total/NA | Solid | 8015B NM | 135731 |
| LCS 880-135731/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 135731 |
| LCSD 880-135731/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 135731 |
| 880-69941-A-21-B MS | Matrix Spike | Total/NA | Solid | 8015B NM | 135731 |
| 880-69941-A-21-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 135731 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

## GC Semi VOA

### Analysis Batch: 135925

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69942-1 | SW-27(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69942-2 | SW-28(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69942-3 | SW-29(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69942-4 | SW-30(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69942-5 | SW-31(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69942-6 | SW-32(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69942-7 | SW-33(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69942-8 | SW-34(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69942-9 | SW-35(4.5') | Total/NA | Solid | 8015 NM | |
| 880-69942-10 | SW-36(4.5') | Total/NA | Solid | 8015 NM | |

## HPLC/IC

### Leach Batch: 135735

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69942-1 | SW-27(4.5') | Soluble | Solid | DI Leach | |
| 880-69942-2 | SW-28(4.5') | Soluble | Solid | DI Leach | |
| 880-69942-3 | SW-29(4.5') | Soluble | Solid | DI Leach | |
| 880-69942-4 | SW-30(4.5') | Soluble | Solid | DI Leach | |
| 880-69942-5 | SW-31(4.5') | Soluble | Solid | DI Leach | |
| 880-69942-6 | SW-32(4.5') | Soluble | Solid | DI Leach | |
| 880-69942-7 | SW-33(4.5') | Soluble | Solid | DI Leach | |
| 880-69942-8 | SW-34(4.5') | Soluble | Solid | DI Leach | |
| 880-69942-9 | SW-35(4.5') | Soluble | Solid | DI Leach | |
| 880-69942-10 | SW-36(4.5') | Soluble | Solid | DI Leach | |
| MB 880-135735/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-135735/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-135735/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-69942-2 MS | SW-28(4.5') | Soluble | Solid | DI Leach | |
| 880-69942-2 MSD | SW-28(4.5') | Soluble | Solid | DI Leach | |

### Analysis Batch: 135748

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69942-1 | SW-27(4.5') | Soluble | Solid | 300.0 | 135735 |
| 880-69942-2 | SW-28(4.5') | Soluble | Solid | 300.0 | 135735 |
| 880-69942-3 | SW-29(4.5') | Soluble | Solid | 300.0 | 135735 |
| 880-69942-4 | SW-30(4.5') | Soluble | Solid | 300.0 | 135735 |
| 880-69942-5 | SW-31(4.5') | Soluble | Solid | 300.0 | 135735 |
| 880-69942-6 | SW-32(4.5') | Soluble | Solid | 300.0 | 135735 |
| 880-69942-7 | SW-33(4.5') | Soluble | Solid | 300.0 | 135735 |
| 880-69942-8 | SW-34(4.5') | Soluble | Solid | 300.0 | 135735 |
| 880-69942-9 | SW-35(4.5') | Soluble | Solid | 300.0 | 135735 |
| 880-69942-10 | SW-36(4.5') | Soluble | Solid | 300.0 | 135735 |
| MB 880-135735/1-A | Method Blank | Soluble | Solid | 300.0 | 135735 |
| LCS 880-135735/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 135735 |
| LCSD 880-135735/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 135735 |
| 880-69942-2 MS | SW-28(4.5') | Soluble | Solid | 300.0 | 135735 |
| 880-69942-2 MSD | SW-28(4.5') | Soluble | Solid | 300.0 | 135735 |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

## Client Sample ID: SW-27(4.5')

**Lab Sample ID: 880-69942-1**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135745 | 03/24/26 09:29 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135737 | 03/24/26 13:10 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135805 | 03/24/26 13:10 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135925 | 03/24/26 23:42 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10.00 mL | 135731 | 03/24/26 07:49 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135821 | 03/24/26 23:42 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135735 | 03/24/26 08:12 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135748 | 03/24/26 11:40 | SMC | EET MID |

## Client Sample ID: SW-28(4.5')

**Lab Sample ID: 880-69942-2**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135745 | 03/24/26 09:29 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135737 | 03/24/26 13:31 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135805 | 03/24/26 13:31 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135925 | 03/25/26 00:21 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.95 g | 10.00 mL | 135731 | 03/24/26 07:49 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135821 | 03/25/26 00:21 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 135735 | 03/24/26 08:12 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135748 | 03/24/26 11:47 | SMC | EET MID |

## Client Sample ID: SW-29(4.5')

**Lab Sample ID: 880-69942-3**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135749 | 03/24/26 09:54 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135736 | 03/24/26 12:49 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135805 | 03/24/26 12:49 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135925 | 03/25/26 00:40 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10.00 mL | 135731 | 03/24/26 07:49 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135821 | 03/25/26 00:40 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 135735 | 03/24/26 08:12 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135748 | 03/24/26 12:07 | SMC | EET MID |

## Client Sample ID: SW-30(4.5')

**Lab Sample ID: 880-69942-4**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135749 | 03/24/26 09:54 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135736 | 03/24/26 13:10 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135805 | 03/24/26 13:10 | SA | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

## Client Sample ID: SW-30(4.5')

**Lab Sample ID: 880-69942-4**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 135925 | 03/25/26 00:59 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10.00 mL | 135731 | 03/24/26 07:49 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135821 | 03/25/26 00:59 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135735 | 03/24/26 08:12 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135748 | 03/24/26 12:13 | SMC | EET MID |

## Client Sample ID: SW-31(4.5')

**Lab Sample ID: 880-69942-5**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135749 | 03/24/26 09:54 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135736 | 03/24/26 13:30 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135805 | 03/24/26 13:30 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135925 | 03/25/26 01:18 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135731 | 03/24/26 07:49 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135821 | 03/25/26 01:18 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 135735 | 03/24/26 08:12 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135748 | 03/24/26 12:33 | SMC | EET MID |

## Client Sample ID: SW-32(4.5')

**Lab Sample ID: 880-69942-6**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135749 | 03/24/26 09:54 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135736 | 03/24/26 13:51 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135805 | 03/24/26 13:51 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135925 | 03/25/26 01:37 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10.00 mL | 135731 | 03/24/26 07:49 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135821 | 03/25/26 01:37 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135735 | 03/24/26 08:12 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135748 | 03/24/26 12:40 | SMC | EET MID |

## Client Sample ID: SW-33(4.5')

**Lab Sample ID: 880-69942-7**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 135749 | 03/24/26 09:54 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135736 | 03/24/26 14:11 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135805 | 03/24/26 14:11 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135925 | 03/25/26 01:57 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135731 | 03/24/26 07:49 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135821 | 03/25/26 01:57 | FC | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

## Client Sample ID: SW-33(4.5')

**Lab Sample ID: 880-69942-7**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| 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 | 135735 | 03/24/26 08:12 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135748 | 03/24/26 12:46 | SMC | EET MID |

## Client Sample ID: SW-34(4.5')

**Lab Sample ID: 880-69942-8**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135749 | 03/24/26 09:54 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135736 | 03/24/26 14:32 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135805 | 03/24/26 14:32 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135925 | 03/25/26 02:16 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10.00 mL | 135731 | 03/24/26 07:49 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135821 | 03/25/26 02:16 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135735 | 03/24/26 08:12 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135748 | 03/24/26 12:53 | SMC | EET MID |

## Client Sample ID: SW-35(4.5')

**Lab Sample ID: 880-69942-9**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135749 | 03/24/26 09:54 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135736 | 03/24/26 14:52 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135805 | 03/24/26 14:52 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135925 | 03/25/26 02:35 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135731 | 03/24/26 07:49 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135821 | 03/25/26 02:35 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 135735 | 03/24/26 08:12 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135748 | 03/24/26 13:00 | SMC | EET MID |

## Client Sample ID: SW-36(4.5')

**Lab Sample ID: 880-69942-10**
**Matrix: Solid**
**Date Collected: 03/23/26 00:00**
**Date Received: 03/23/26 16:19**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135749 | 03/24/26 09:54 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135736 | 03/24/26 15:13 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135805 | 03/24/26 15:13 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135925 | 03/25/26 02:54 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10.00 mL | 135731 | 03/24/26 07:49 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135821 | 03/25/26 02:54 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 135735 | 03/24/26 08:12 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135748 | 03/24/26 13:06 | SMC | EET MID |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

**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: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

## 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: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

| 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: Berry 2 (2.16.2026)

Job ID: 880-69942-1
SDG: 3161

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 880-69942-1 | SW-27(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69942-2 | SW-28(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69942-3 | SW-29(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69942-4 | SW-30(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69942-5 | SW-31(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69942-6 | SW-32(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69942-7 | SW-33(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69942-8 | SW-34(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69942-9 | SW-35(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |
| 880-69942-10 | SW-36(4.5') | Solid | 03/23/26 00:00 | 03/23/26 16:19 | New Mexico |

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# Chain of Custody

880-69942 Chain of Custody

3/25/2026

Page ___1___ of ___1___

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | |
| Project Number: | 3161 | ☐ Routine | ☑ Rush |
| Project Location | Lea County, New Mexico | Due Date: | 24 Hour |
| 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: | 3.3 |
| Total Containers: | | Corrected Temperature: | 3.4 |

**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-27 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| SW-28 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| SW-29 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| SW-30 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| SW-31 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| SW-32 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| SW-33 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| SW-34 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| SW-35 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |
| SW-36 (4.5') | 3/23/2026 | | X | | C | 1 | | X | X | X | | |

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 3.23.26 1619 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

Revised Date 05012020 Rev. 2020.1



Received by OCD: 4/2/2026 2:29:46 PM

Released to Imaging: 4/15/2026 11:33:06 AM

# Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-69942-1
SDG Number: 3161

**Login Number: 69942**
**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 3/25/2026 4:13:42 PM

## JOB DESCRIPTION

Berry 2 (02.16.2026)
Lea County, New Mexico

## JOB NUMBER

880-69968-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.



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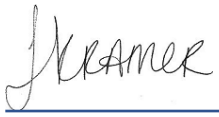
# Eurofins Midland

## Job Notes

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

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

## Authorization



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Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Laboratory Job ID: 880-69968-1
SDG: Lea County, New Mexico

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# Definitions/Glossary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69968-1
SDG: Lea County, New Mexico

## 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: Berry 2 (02.16.2026)

Job ID: 880-69968-1

## Job ID: 880-69968-1 Eurofins Midland

**Job Narrative**
**880-69968-1**

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 3/24/2026 1:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C.

**GC VOA**
Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-135868 and analytical batch 880-135855 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW - 37 (4.5') (880-69968-1), SW - 38 (4.5') (880-69968-2), SW - 39 (4.5') (880-69968-3), SW - 40 (4.5') (880-69968-4) and SW - 41 (4.5') (880-69968-5). 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.

**Diesel Range Organics**
Method 8015B NM: Surrogate recovery for the following samples were outside control limits: SW - 41 (4.5') (880-69968-5) and (880-69968-A-1-B MS). 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: Berry 2 (02.16.2026)

Job ID: 880-69968-1
SDG: Lea County, New Mexico

## Client Sample ID: SW - 37 (4.5')

**Lab Sample ID: 880-69968-1**
**Date Collected: 03/24/26 00:00**
**Matrix: Solid**
**Date Received: 03/24/26 13:10**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/26 05:00 | 03/25/26 10:50 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/26 05:00 | 03/25/26 10:50 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/26 05:00 | 03/25/26 10:50 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/25/26 05:00 | 03/25/26 10:50 | 1 |
| o-Xylene | <0.00200 | U F1 | 0.00200 | | mg/Kg | | 03/25/26 05:00 | 03/25/26 10:50 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/25/26 05:00 | 03/25/26 10:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *151* | *S1+* | *70 - 130* | *03/25/26 05:00* | *03/25/26 10:50* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *03/25/26 05:00* | *03/25/26 10:50* | *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 | | | 03/25/26 10:50 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 03/25/26 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 | | 03/24/26 17:55 | 03/25/26 13:36 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 03/24/26 17:55 | 03/25/26 13:36 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 03/24/26 17:55 | 03/25/26 13:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *110* | | *70 - 130* | *03/24/26 17:55* | *03/25/26 13:36* | *1* |
| *o-Terphenyl (Surr)* | *106* | | *70 - 130* | *03/24/26 17:55* | *03/25/26 13:36* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **131** | | 9.94 | | mg/Kg | | | 03/25/26 11:08 | 1 |

## Client Sample ID: SW - 38 (4.5')

**Lab Sample ID: 880-69968-2**
**Date Collected: 03/24/26 00:00**
**Matrix: Solid**
**Date Received: 03/24/26 13:10**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/25/26 10:13 | 03/25/26 11:11 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/25/26 10:13 | 03/25/26 11:11 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/25/26 10:13 | 03/25/26 11:11 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 03/25/26 10:13 | 03/25/26 11:11 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/25/26 10:13 | 03/25/26 11:11 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/25/26 10:13 | 03/25/26 11:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *144* | *S1+* | *70 - 130* | *03/25/26 10:13* | *03/25/26 11:11* | *1* |
| *1,4-Difluorobenzene (Surr)* | *108* | | *70 - 130* | *03/25/26 10:13* | *03/25/26 11:11* | *1* |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69968-1
SDG: Lea County, New Mexico

## Client Sample ID: SW - 38 (4.5')

**Lab Sample ID: 880-69968-2**
**Matrix: Solid**
**Date Collected: 03/24/26 00:00**
**Date Received: 03/24/26 13:10**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 03/25/26 11:11 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 03/25/26 14:22 | 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 | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 17:55 | 03/25/26 14:22 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 17:55 | 03/25/26 14:22 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 17:55 | 03/25/26 14:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *119* | | *70 - 130* | *03/24/26 17:55* | *03/25/26 14:22* | *1* |
| *o-Terphenyl (Surr)* | *114* | | *70 - 130* | *03/24/26 17:55* | *03/25/26 14:22* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **41.8** | | 9.96 | | mg/Kg | | | 03/25/26 11:27 | 1 |

## Client Sample ID: SW - 39 (4.5')

**Lab Sample ID: 880-69968-3**
**Matrix: Solid**
**Date Collected: 03/24/26 00:00**
**Date Received: 03/24/26 13:10**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/25/26 10:13 | 03/25/26 11:31 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/25/26 10:13 | 03/25/26 11:31 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/25/26 10:13 | 03/25/26 11:31 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 03/25/26 10:13 | 03/25/26 11:31 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 03/25/26 10:13 | 03/25/26 11:31 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 03/25/26 10:13 | 03/25/26 11:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *135* | *S1+* | *70 - 130* | *03/25/26 10:13* | *03/25/26 11:31* | *1* |
| *1,4-Difluorobenzene (Surr)* | *106* | | *70 - 130* | *03/25/26 10:13* | *03/25/26 11:31* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 03/25/26 11:31 | 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 | | | 03/25/26 14:38 | 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 | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 17:55 | 03/25/26 14:38 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 17:55 | 03/25/26 14:38 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69968-1
SDG: Lea County, New Mexico

## Client Sample ID: SW - 39 (4.5')

**Lab Sample ID: 880-69968-3**
**Matrix: Solid**
**Date Collected: 03/24/26 00:00**
**Date Received: 03/24/26 13:10**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 17:55 | 03/25/26 14:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *121* | | *70 - 130* | *03/24/26 17:55* | *03/25/26 14:38* | *1* |
| *o-Terphenyl (Surr)* | *114* | | *70 - 130* | *03/24/26 17:55* | *03/25/26 14:38* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **294** | | 9.98 | | mg/Kg | | | 03/25/26 11:34 | 1 |

## Client Sample ID: SW - 40 (4.5')

**Lab Sample ID: 880-69968-4**
**Matrix: Solid**
**Date Collected: 03/24/26 00:00**
**Date Received: 03/24/26 13:10**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/25/26 10:13 | 03/25/26 11:52 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/25/26 10:13 | 03/25/26 11:52 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/25/26 10:13 | 03/25/26 11:52 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 03/25/26 10:13 | 03/25/26 11:52 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/25/26 10:13 | 03/25/26 11:52 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/25/26 10:13 | 03/25/26 11:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *146* | *S1+* | *70 - 130* | *03/25/26 10:13* | *03/25/26 11:52* | *1* |
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *03/25/26 10:13* | *03/25/26 11:52* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 03/25/26 11:52 | 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 | | | 03/25/26 14:53 | 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 | | 03/24/26 17:55 | 03/25/26 14:53 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 17:55 | 03/25/26 14:53 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 17:55 | 03/25/26 14:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *120* | | *70 - 130* | *03/24/26 17:55* | *03/25/26 14:53* | *1* |
| *o-Terphenyl (Surr)* | *112* | | *70 - 130* | *03/24/26 17:55* | *03/25/26 14:53* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **44.6** | | 9.92 | | mg/Kg | | | 03/25/26 11:41 | 1 |

# Client Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69968-1
SDG: Lea County, New Mexico

## Client Sample ID: SW - 41 (4.5')

**Date Collected: 03/24/26 00:00**
**Date Received: 03/24/26 13:10**

## Lab Sample ID: 880-69968-5

**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 | | 03/25/26 10:13 | 03/25/26 12:12 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/25/26 10:13 | 03/25/26 12:12 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/25/26 10:13 | 03/25/26 12:12 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 03/25/26 10:13 | 03/25/26 12:12 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/25/26 10:13 | 03/25/26 12:12 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 03/25/26 10:13 | 03/25/26 12:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *142* | *S1+* | *70 - 130* | *03/25/26 10:13* | *03/25/26 12:12* | *1* |
| *1,4-Difluorobenzene (Surr)* | *109* | | *70 - 130* | *03/25/26 10:13* | *03/25/26 12:12* | *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 | | | 03/25/26 12:12 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 03/25/26 15:08 | 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 | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 17:55 | 03/25/26 15:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 17:55 | 03/25/26 15:08 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 03/24/26 17:55 | 03/25/26 15:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *135* | *S1+* | *70 - 130* | *03/24/26 17:55* | *03/25/26 15:08* | *1* |
| *o-Terphenyl (Surr)* | *127* | | *70 - 130* | *03/24/26 17:55* | *03/25/26 15:08* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **152** | | 9.94 | | mg/Kg | | | 03/25/26 11:47 | 1 |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69968-1
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) |
|---|---|---|---|
| 880-69968-1 | SW - 37 (4.5') | 151 S1+ | 110 |
| 880-69968-1 MS | SW - 37 (4.5') | 118 | 90 |
| 880-69968-1 MSD | SW - 37 (4.5') | 125 | 93 |
| 880-69968-2 | SW - 38 (4.5') | 144 S1+ | 108 |
| 880-69968-3 | SW - 39 (4.5') | 135 S1+ | 106 |
| 880-69968-4 | SW - 40 (4.5') | 146 S1+ | 111 |
| 880-69968-5 | SW - 41 (4.5') | 142 S1+ | 109 |
| LCS 880-135868/1-A | Lab Control Sample | 125 | 94 |
| LCSD 880-135868/2-A | Lab Control Sample Dup | 98 | 89 |
| MB 880-135868/5-A | Method Blank | 127 | 96 |

**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) |
|---|---|---|---|
| 880-69968-1 | SW - 37 (4.5') | 110 | 106 |
| 880-69968-1 MS | SW - 37 (4.5') | 149 S1+ | 115 |
| 880-69968-1 MSD | SW - 37 (4.5') | 119 | 113 |
| 880-69968-2 | SW - 38 (4.5') | 119 | 114 |
| 880-69968-3 | SW - 39 (4.5') | 121 | 114 |
| 880-69968-4 | SW - 40 (4.5') | 120 | 112 |
| 880-69968-5 | SW - 41 (4.5') | 135 S1+ | 127 |
| LCS 880-135828/2-A | Lab Control Sample | 76 | 75 |
| LCSD 880-135828/3-A | Lab Control Sample Dup | 80 | 79 |
| MB 880-135828/1-A | Method Blank | 115 | 110 |

**Surrogate Legend**

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

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69968-1
SDG: Lea County, New Mexico

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

**Lab Sample ID: MB 880-135868/5-A**
**Matrix: Solid**
**Analysis Batch: 135855**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135868**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/26 05:00 | 03/25/26 10:28 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/26 05:00 | 03/25/26 10:28 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/26 05:00 | 03/25/26 10:28 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/25/26 05:00 | 03/25/26 10:28 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/26 05:00 | 03/25/26 10:28 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/25/26 05:00 | 03/25/26 10:28 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *127* | | *70 - 130* | *03/25/26 05:00* | *03/25/26 10:28* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *03/25/26 05:00* | *03/25/26 10:28* | *1* |

**Lab Sample ID: LCS 880-135868/1-A**
**Matrix: Solid**
**Analysis Batch: 135855**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135868**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09875 | | mg/Kg | | 99 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.09964 | | mg/Kg | | 100 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1201 | | mg/Kg | | 120 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2506 | | mg/Kg | | 125 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1278 | | mg/Kg | | 128 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *125* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135868/2-A**
**Matrix: Solid**
**Analysis Batch: 135855**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135868**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09419 | | mg/Kg | | 94 | 70 - 130 | 5 | 35 |
| Toluene | | | 0.100 | 0.09642 | | mg/Kg | | 96 | 70 - 130 | 3 | 35 |
| Ethylbenzene | | | 0.100 | 0.1006 | | mg/Kg | | 101 | 70 - 130 | 18 | 35 |
| m,p-Xylenes | | | 0.200 | 0.1869 | | mg/Kg | | 93 | 70 - 130 | 29 | 35 |
| o-Xylene | | | 0.100 | 0.09592 | | mg/Kg | | 96 | 70 - 130 | 28 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *89* | | *70 - 130* |

**Lab Sample ID: 880-69968-1 MS**
**Matrix: Solid**
**Analysis Batch: 135855**

**Client Sample ID: SW - 37 (4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135868**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.09884 | | mg/Kg | | 99 | 70 - 130 | | |
| Toluene | <0.00200 | U | 0.100 | 0.1020 | | mg/Kg | | 102 | 70 - 130 | | |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69968-1
SDG: Lea County, New Mexico

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

**Lab Sample ID: 880-69968-1 MS**
**Matrix: Solid**
**Analysis Batch: 135855**

**Client Sample ID: SW - 37 (4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135868**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | <0.00200 | U | 0.100 | 0.1256 | | mg/Kg | | 126 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.2585 | | mg/Kg | | 129 | 70 - 130 |
| o-Xylene | <0.00200 | U F1 | 0.100 | 0.1296 | | mg/Kg | | 130 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *118* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *90* | | *70 - 130* |

**Lab Sample ID: 880-69968-1 MSD**
**Matrix: Solid**
**Analysis Batch: 135855**

**Client Sample ID: SW - 37 (4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135868**

| 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 | 0.1025 | | mg/Kg | | 102 | 70 - 130 | 4 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.09989 | | mg/Kg | | 100 | 70 - 130 | 2 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.09612 | | mg/Kg | | 96 | 70 - 130 | 27 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.2009 | | mg/Kg | | 100 | 70 - 130 | 25 | 35 |
| o-Xylene | <0.00200 | U F1 | 0.100 | 0.1333 | F1 | mg/Kg | | 133 | 70 - 130 | 3 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *125* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *93* | | *70 - 130* |

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

**Lab Sample ID: MB 880-135828/1-A**
**Matrix: Solid**
**Analysis Batch: 135904**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135828**

| 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 | | 03/24/26 17:54 | 03/25/26 11:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 17:54 | 03/25/26 11:08 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/24/26 17:54 | 03/25/26 11:08 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *115* | | *70 - 130* | *03/24/26 17:54* | *03/25/26 11:08* | *1* |
| *o-Terphenyl (Surr)* | *110* | | *70 - 130* | *03/24/26 17:54* | *03/25/26 11:08* | *1* |

**Lab Sample ID: LCS 880-135828/2-A**
**Matrix: Solid**
**Analysis Batch: 135904**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135828**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 908.2 | | mg/Kg | | 91 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 912.3 | | mg/Kg | | 91 | 70 - 130 |

Eurofins Midland

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69968-1
SDG: Lea County, New Mexico

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

**Lab Sample ID: LCS 880-135828/2-A**
**Matrix: Solid**
**Analysis Batch: 135904**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135828**

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 76 | | 70 - 130 |
| o-Terphenyl (Surr) | 75 | | 70 - 130 |

**Lab Sample ID: LCSD 880-135828/3-A**
**Matrix: Solid**
**Analysis Batch: 135904**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135828**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 887.7 | | mg/Kg | | 89 | 70 - 130 | 2 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 893.0 | | mg/Kg | | 89 | 70 - 130 | 2 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 80 | | 70 - 130 |
| o-Terphenyl (Surr) | 79 | | 70 - 130 |

**Lab Sample ID: 880-69968-1 MS**
**Matrix: Solid**
**Analysis Batch: 135904**

**Client Sample ID: SW - 37 (4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135828**

| 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 | 1000 | 1246 | | mg/Kg | | 122 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 1000 | 1065 | | mg/Kg | | 105 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 149 | S1+ | 70 - 130 |
| o-Terphenyl (Surr) | 115 | | 70 - 130 |

**Lab Sample ID: 880-69968-1 MSD**
**Matrix: Solid**
**Analysis Batch: 135904**

**Client Sample ID: SW - 37 (4.5')**
**Prep Type: Total/NA**
**Prep Batch: 135828**

| 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 | 1000 | 1244 | | mg/Kg | | 122 | 70 - 130 | 0 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 1000 | 1138 | | mg/Kg | | 112 | 70 - 130 | 7 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 119 | | 70 - 130 |
| o-Terphenyl (Surr) | 113 | | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69968-1
SDG: Lea County, New Mexico

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-135859/1-A**
**Matrix: Solid**
**Analysis Batch: 135866**

**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 | | | 03/25/26 10:08 | 1 |

**Lab Sample ID: LCS 880-135859/2-A**
**Matrix: Solid**
**Analysis Batch: 135866**

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

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 237.2 | | mg/Kg | | 95 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-135859/3-A**
**Matrix: Solid**
**Analysis Batch: 135866**

**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 | 237.6 | | mg/Kg | | 95 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-69967-A-1-F MS**
**Matrix: Solid**
**Analysis Batch: 135866**

**Client Sample ID: Matrix Spike**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 25.1 | | 250 | 260.9 | | mg/Kg | | 94 | 90 - 110 | | |

**Lab Sample ID: 880-69967-A-1-G MSD**
**Matrix: Solid**
**Analysis Batch: 135866**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 25.1 | | 250 | 261.0 | | mg/Kg | | 94 | 90 - 110 | 0 | 20 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69968-1
SDG: Lea County, New Mexico

## GC VOA

### Analysis Batch: 135855

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69968-1 | SW - 37 (4.5') | Total/NA | Solid | 8021B | 135868 |
| 880-69968-2 | SW - 38 (4.5') | Total/NA | Solid | 8021B | 135868 |
| 880-69968-3 | SW - 39 (4.5') | Total/NA | Solid | 8021B | 135868 |
| 880-69968-4 | SW - 40 (4.5') | Total/NA | Solid | 8021B | 135868 |
| 880-69968-5 | SW - 41 (4.5') | Total/NA | Solid | 8021B | 135868 |
| MB 880-135868/5-A | Method Blank | Total/NA | Solid | 8021B | 135868 |
| LCS 880-135868/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 135868 |
| LCSD 880-135868/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 135868 |
| 880-69968-1 MS | SW - 37 (4.5') | Total/NA | Solid | 8021B | 135868 |
| 880-69968-1 MSD | SW - 37 (4.5') | Total/NA | Solid | 8021B | 135868 |

### Prep Batch: 135868

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69968-1 | SW - 37 (4.5') | Total/NA | Solid | 5035 | |
| 880-69968-2 | SW - 38 (4.5') | Total/NA | Solid | 5035 | |
| 880-69968-3 | SW - 39 (4.5') | Total/NA | Solid | 5035 | |
| 880-69968-4 | SW - 40 (4.5') | Total/NA | Solid | 5035 | |
| 880-69968-5 | SW - 41 (4.5') | Total/NA | Solid | 5035 | |
| MB 880-135868/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-135868/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-135868/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-69968-1 MS | SW - 37 (4.5') | Total/NA | Solid | 5035 | |
| 880-69968-1 MSD | SW - 37 (4.5') | Total/NA | Solid | 5035 | |

### Analysis Batch: 135927

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69968-1 | SW - 37 (4.5') | Total/NA | Solid | Total BTEX | |
| 880-69968-2 | SW - 38 (4.5') | Total/NA | Solid | Total BTEX | |
| 880-69968-3 | SW - 39 (4.5') | Total/NA | Solid | Total BTEX | |
| 880-69968-4 | SW - 40 (4.5') | Total/NA | Solid | Total BTEX | |
| 880-69968-5 | SW - 41 (4.5') | Total/NA | Solid | Total BTEX | |

## GC Semi VOA

### Prep Batch: 135828

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69968-1 | SW - 37 (4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69968-2 | SW - 38 (4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69968-3 | SW - 39 (4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69968-4 | SW - 40 (4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69968-5 | SW - 41 (4.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-135828/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-135828/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-135828/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-69968-1 MS | SW - 37 (4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-69968-1 MSD | SW - 37 (4.5') | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 135904

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69968-1 | SW - 37 (4.5') | Total/NA | Solid | 8015B NM | 135828 |
| 880-69968-2 | SW - 38 (4.5') | Total/NA | Solid | 8015B NM | 135828 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69968-1
SDG: Lea County, New Mexico

## GC Semi VOA (Continued)

### Analysis Batch: 135904 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69968-3 | SW - 39 (4.5') | Total/NA | Solid | 8015B NM | 135828 |
| 880-69968-4 | SW - 40 (4.5') | Total/NA | Solid | 8015B NM | 135828 |
| 880-69968-5 | SW - 41 (4.5') | Total/NA | Solid | 8015B NM | 135828 |
| MB 880-135828/1-A | Method Blank | Total/NA | Solid | 8015B NM | 135828 |
| LCS 880-135828/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 135828 |
| LCSD 880-135828/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 135828 |
| 880-69968-1 MS | SW - 37 (4.5') | Total/NA | Solid | 8015B NM | 135828 |
| 880-69968-1 MSD | SW - 37 (4.5') | Total/NA | Solid | 8015B NM | 135828 |

### Analysis Batch: 135946

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69968-1 | SW - 37 (4.5') | Total/NA | Solid | 8015 NM | |
| 880-69968-2 | SW - 38 (4.5') | Total/NA | Solid | 8015 NM | |
| 880-69968-3 | SW - 39 (4.5') | Total/NA | Solid | 8015 NM | |
| 880-69968-4 | SW - 40 (4.5') | Total/NA | Solid | 8015 NM | |
| 880-69968-5 | SW - 41 (4.5') | Total/NA | Solid | 8015 NM | |

## HPLC/IC

### Leach Batch: 135859

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69968-1 | SW - 37 (4.5') | Soluble | Solid | DI Leach | |
| 880-69968-2 | SW - 38 (4.5') | Soluble | Solid | DI Leach | |
| 880-69968-3 | SW - 39 (4.5') | Soluble | Solid | DI Leach | |
| 880-69968-4 | SW - 40 (4.5') | Soluble | Solid | DI Leach | |
| 880-69968-5 | SW - 41 (4.5') | Soluble | Solid | DI Leach | |
| MB 880-135859/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-135859/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-135859/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-69967-A-1-F MS | Matrix Spike | Soluble | Solid | DI Leach | |
| 880-69967-A-1-G MSD | Matrix Spike Duplicate | Soluble | Solid | DI Leach | |

### Analysis Batch: 135866

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69968-1 | SW - 37 (4.5') | Soluble | Solid | 300.0 | 135859 |
| 880-69968-2 | SW - 38 (4.5') | Soluble | Solid | 300.0 | 135859 |
| 880-69968-3 | SW - 39 (4.5') | Soluble | Solid | 300.0 | 135859 |
| 880-69968-4 | SW - 40 (4.5') | Soluble | Solid | 300.0 | 135859 |
| 880-69968-5 | SW - 41 (4.5') | Soluble | Solid | 300.0 | 135859 |
| MB 880-135859/1-A | Method Blank | Soluble | Solid | 300.0 | 135859 |
| LCS 880-135859/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 135859 |
| LCSD 880-135859/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 135859 |
| 880-69967-A-1-F MS | Matrix Spike | Soluble | Solid | 300.0 | 135859 |
| 880-69967-A-1-G MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 135859 |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69968-1
SDG: Lea County, New Mexico

## Client Sample ID: SW - 37 (4.5')

**Lab Sample ID: 880-69968-1**
**Matrix: Solid**
**Date Collected: 03/24/26 00:00**
**Date Received: 03/24/26 13:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135868 | 03/25/26 05:00 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135855 | 03/25/26 10:50 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135927 | 03/25/26 10:50 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135946 | 03/25/26 13:36 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10.00 mL | 135828 | 03/24/26 17:55 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135904 | 03/25/26 13:36 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 135859 | 03/25/26 08:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135866 | 03/25/26 11:08 | CS | EET MID |

## Client Sample ID: SW - 38 (4.5')

**Lab Sample ID: 880-69968-2**
**Matrix: Solid**
**Date Collected: 03/24/26 00:00**
**Date Received: 03/24/26 13:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 135868 | 03/25/26 10:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135855 | 03/25/26 11:11 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135927 | 03/25/26 11:11 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135946 | 03/25/26 14:22 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10.00 mL | 135828 | 03/24/26 17:55 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135904 | 03/25/26 14:22 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 135859 | 03/25/26 08:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135866 | 03/25/26 11:27 | CS | EET MID |

## Client Sample ID: SW - 39 (4.5')

**Lab Sample ID: 880-69968-3**
**Matrix: Solid**
**Date Collected: 03/24/26 00:00**
**Date Received: 03/24/26 13:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 135868 | 03/25/26 10:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135855 | 03/25/26 11:31 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135927 | 03/25/26 11:31 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135946 | 03/25/26 14:38 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 135828 | 03/24/26 17:55 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135904 | 03/25/26 14:38 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 135859 | 03/25/26 08:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135866 | 03/25/26 11:34 | CS | EET MID |

## Client Sample ID: SW - 40 (4.5')

**Lab Sample ID: 880-69968-4**
**Matrix: Solid**
**Date Collected: 03/24/26 00:00**
**Date Received: 03/24/26 13:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 135868 | 03/25/26 10:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135855 | 03/25/26 11:52 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135927 | 03/25/26 11:52 | SA | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69968-1
SDG: Lea County, New Mexico

## Client Sample ID: SW - 40 (4.5')

**Lab Sample ID: 880-69968-4**
**Matrix: Solid**
**Date Collected: 03/24/26 00:00**
**Date Received: 03/24/26 13:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 135946 | 03/25/26 14:53 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10.00 mL | 135828 | 03/24/26 17:55 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135904 | 03/25/26 14:53 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 135859 | 03/25/26 08:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135866 | 03/25/26 11:41 | CS | EET MID |

## Client Sample ID: SW - 41 (4.5')

**Lab Sample ID: 880-69968-5**
**Matrix: Solid**
**Date Collected: 03/24/26 00:00**
**Date Received: 03/24/26 13:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 135868 | 03/25/26 10:13 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135855 | 03/25/26 12:12 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135927 | 03/25/26 12:12 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135946 | 03/25/26 15:08 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10.00 mL | 135828 | 03/24/26 17:55 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135904 | 03/25/26 15:08 | SA | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 135859 | 03/25/26 08:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135866 | 03/25/26 11:47 | 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
Project/Site: Berry 2 (02.16.2026)

Job ID: 880-69968-1
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: Berry 2 (02.16.2026)

Job ID: 880-69968-1
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: Berry 2 (02.16.2026)

Job ID: 880-69968-1
SDG: Lea County, New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 880-69968-1 | SW - 37 (4.5') | Solid | 03/24/26 00:00 | 03/24/26 13:10 | New Mexico |
| 880-69968-2 | SW - 38 (4.5') | Solid | 03/24/26 00:00 | 03/24/26 13:10 | New Mexico |
| 880-69968-3 | SW - 39 (4.5') | Solid | 03/24/26 00:00 | 03/24/26 13:10 | New Mexico |
| 880-69968-4 | SW - 40 (4.5') | Solid | 03/24/26 00:00 | 03/24/26 13:10 | New Mexico |
| 880-69968-5 | SW - 41 (4.5') | Solid | 03/24/26 00:00 | 03/24/26 13:10 | New Mexico |

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# Chain of Custody

880-69968 Chain of Custody

3/25/2026



| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | |
| Project Number: | 3161 | ☐ Routine | ☑ Rush |
| Project Location | Lea County, New Mexico | Due Date: | 24 Hour |
| 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: | 2.9 |
| Total Containers: | | Corrected Temperature: | 3.0 |

**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 | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO) | Chloride 300.0 | HOLD | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW-37 (4.5') | 3/24/2026 | | X | | C | 1 | | X | X | X | | |
| SW-38 (4.5') | 3/24/2026 | | X | | C | 1 | | X | X | X | | |
| SW-29 (4.5') | 3/24/2026 | | X | | C | 1 | | X | X | X | | |
| SW-40 (4.5') | 3/24/2026 | | X | | C | 1 | | X | X | X | | |
| SW-41 (4.5') | 3/24/2026 | | X | | C | 1 | | X | X | X | | |

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 3-24-26 13:10 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

Revised Date 05012020 Rev. 2020.1

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Received by OCD: 4/2/2026 2:29:46 PM

Released to Imaging: 4/15/2026 11:33:06 AM

# Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-69968-1
SDG Number: Lea County, New Mexico

**Login Number: 69968**
**List Number: 1**
**Creator: Neeld, Linsey**

**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 3/24/2026 2:08:23 PM

## JOB DESCRIPTION

Berry 2 (2.16.2026)
Lea County New Mexico

## JOB NUMBER

880-69863-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.



Released to Imaging: 4/13/2026 11:55:06 AM

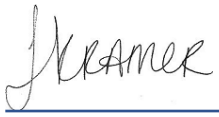
# Eurofins Midland

## 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
3/24/2026 2:08:23 PM

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

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Laboratory Job ID: 880-69863-1
SDG: Lea County New Mexico

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# Definitions/Glossary

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69863-1
SDG: Lea County New Mexico

## Qualifiers

### GC VOA

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

### GC Semi VOA

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

### HPLC/IC

| Qualifier | Qualifier Description |
|---|---|
| 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: Berry 2 (2.16.2026)

Job ID: 880-69863-1

## Job ID: 880-69863-1 Eurofins Midland

**Job Narrative**
**880-69863-1**

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

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

**Receipt**
The sample was received on 3/19/2026 3:54 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.1°C.

**Receipt Exceptions**
The following sample was received and analyzed from an unpreserved bulk soil jar: Backfill Sample (880-69863-1).

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

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

**HPLC/IC**
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: Berry 2 (2.16.2026)

Job ID: 880-69863-1
SDG: Lea County New Mexico

## Client Sample ID: Backfill Sample

**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

## Lab Sample ID: 880-69863-1

**Matrix: Solid**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 11:56 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 11:56 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 11:56 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 11:56 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 11:56 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 11:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *121* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 11:56* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 11:56* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 03/23/26 11:56 | 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 | | | 03/23/26 21:42 | 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 | | 03/23/26 12:25 | 03/23/26 21:42 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:25 | 03/23/26 21:42 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:25 | 03/23/26 21:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *123* | | *70 - 130* | *03/23/26 12:25* | *03/23/26 21:42* | *1* |
| *o-Terphenyl (Surr)* | *111* | | *70 - 130* | *03/23/26 12:25* | *03/23/26 21:42* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **82.0** | | 10.0 | | mg/Kg | | | 03/20/26 11:41 | 1 |

# Surrogate Summary

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69863-1
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) | | | | | | | | | | |
| 880-69863-1 | Backfill Sample | 121 | 103 | | | | | | | | | | |
| 880-69863-1 MS | Backfill Sample | 105 | 99 | | | | | | | | | | |
| 880-69863-1 MSD | Backfill Sample | 99 | 100 | | | | | | | | | | |
| LCS 880-135608/1-A | Lab Control Sample | 110 | 98 | | | | | | | | | | |
| LCSD 880-135608/2-A | Lab Control Sample Dup | 107 | 96 | | | | | | | | | | |
| MB 880-135608/5-A | Method Blank | 105 | 95 | | | | | | | | | | |

**Surrogate Legend**

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

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1CO1 | OTPH1 | | | | | | | | | | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | | | | | | | | | | |
| 880-69862-A-6-D MS | Matrix Spike | 119 | 108 | | | | | | | | | | |
| 880-69862-A-6-E MSD | Matrix Spike Duplicate | 120 | 110 | | | | | | | | | | |
| 880-69863-1 | Backfill Sample | 123 | 111 | | | | | | | | | | |
| LCS 880-135646/2-A | Lab Control Sample | 82 | 80 | | | | | | | | | | |
| LCSD 880-135646/3-A | Lab Control Sample Dup | 85 | 82 | | | | | | | | | | |
| MB 880-135646/1-A | Method Blank | 114 | 103 | | | | | | | | | | |

**Surrogate Legend**

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

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69863-1
SDG: Lea County New Mexico

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

**Lab Sample ID: MB 880-135608/5-A**
**Matrix: Solid**
**Analysis Batch: 135598**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135608**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 11:35 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 11:35 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 11:35 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 11:35 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 11:35 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/23/26 09:46 | 03/23/26 11:35 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *105* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 11:35* | *1* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* | *03/23/26 09:46* | *03/23/26 11:35* | *1* |

**Lab Sample ID: LCS 880-135608/1-A**
**Matrix: Solid**
**Analysis Batch: 135598**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135608**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1075 | | mg/Kg | | 108 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.1000 | | mg/Kg | | 100 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1076 | | mg/Kg | | 108 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2292 | | mg/Kg | | 115 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1138 | | mg/Kg | | 114 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* |

**Lab Sample ID: LCSD 880-135608/2-A**
**Matrix: Solid**
**Analysis Batch: 135598**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135608**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1057 | | mg/Kg | | 106 | 70 - 130 | 2 | 35 |
| Toluene | | | 0.100 | 0.09815 | | mg/Kg | | 98 | 70 - 130 | 2 | 35 |
| Ethylbenzene | | | 0.100 | 0.1058 | | mg/Kg | | 106 | 70 - 130 | 2 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2259 | | mg/Kg | | 113 | 70 - 130 | 1 | 35 |
| o-Xylene | | | 0.100 | 0.1125 | | mg/Kg | | 113 | 70 - 130 | 1 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* |

**Lab Sample ID: 880-69863-1 MS**
**Matrix: Solid**
**Analysis Batch: 135598**

**Client Sample ID: Backfill Sample**
**Prep Type: Total/NA**
**Prep Batch: 135608**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.100 | 0.08580 | | mg/Kg | | 86 | 70 - 130 | | |
| Toluene | <0.00200 | U | 0.100 | 0.08043 | | mg/Kg | | 80 | 70 - 130 | | |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69863-1
SDG: Lea County New Mexico

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

**Lab Sample ID: 880-69863-1 MS**
**Matrix: Solid**
**Analysis Batch: 135598**

**Client Sample ID: Backfill Sample**
**Prep Type: Total/NA**
**Prep Batch: 135608**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | <0.00200 | U | 0.100 | 0.08724 | | mg/Kg | | 87 | 70 - 130 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1850 | | mg/Kg | | 92 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.100 | 0.09216 | | mg/Kg | | 92 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *105* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* |

**Lab Sample ID: 880-69863-1 MSD**
**Matrix: Solid**
**Analysis Batch: 135598**

**Client Sample ID: Backfill Sample**
**Prep Type: Total/NA**
**Prep Batch: 135608**

| 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 | 0.09652 | | mg/Kg | | 97 | 70 - 130 | 12 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.08722 | | mg/Kg | | 87 | 70 - 130 | 8 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.09357 | | mg/Kg | | 94 | 70 - 130 | 7 | 35 |
| m,p-Xylenes | <0.00399 | U | 0.200 | 0.1959 | | mg/Kg | | 98 | 70 - 130 | 6 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.09699 | | mg/Kg | | 97 | 70 - 130 | 5 | 35 |

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

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

**Lab Sample ID: MB 880-135646/1-A**
**Matrix: Solid**
**Analysis Batch: 135628**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 135646**

| 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 | | 03/23/26 12:25 | 03/23/26 18:23 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:25 | 03/23/26 18:23 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/23/26 12:25 | 03/23/26 18:23 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *114* | | *70 - 130* | *03/23/26 12:25* | *03/23/26 18:23* | *1* |
| *o-Terphenyl (Surr)* | *103* | | *70 - 130* | *03/23/26 12:25* | *03/23/26 18:23* | *1* |

**Lab Sample ID: LCS 880-135646/2-A**
**Matrix: Solid**
**Analysis Batch: 135628**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135646**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 987.2 | | mg/Kg | | 99 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 932.3 | | mg/Kg | | 93 | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69863-1
SDG: Lea County New Mexico

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

**Lab Sample ID: LCS 880-135646/2-A**
**Matrix: Solid**
**Analysis Batch: 135628**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 135646**

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 82 | | 70 - 130 |
| o-Terphenyl (Surr) | 80 | | 70 - 130 |

**Lab Sample ID: LCSD 880-135646/3-A**
**Matrix: Solid**
**Analysis Batch: 135628**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 135646**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1064 | | mg/Kg | | 106 | 70 - 130 | 7 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 957.4 | | mg/Kg | | 96 | 70 - 130 | 3 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 85 | | 70 - 130 |
| o-Terphenyl (Surr) | 82 | | 70 - 130 |

**Lab Sample ID: 880-69862-A-6-D MS**
**Matrix: Solid**
**Analysis Batch: 135628**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 135646**

| 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 | 1055 | | mg/Kg | | 104 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 997 | 952.0 | | mg/Kg | | 94 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 119 | | 70 - 130 |
| o-Terphenyl (Surr) | 108 | | 70 - 130 |

**Lab Sample ID: 880-69862-A-6-E MSD**
**Matrix: Solid**
**Analysis Batch: 135628**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 135646**

| 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 | 1008 | | mg/Kg | | 99 | 70 - 130 | 5 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 997 | 926.0 | | mg/Kg | | 91 | 70 - 130 | 3 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 120 | | 70 - 130 |
| o-Terphenyl (Surr) | 110 | | 70 - 130 |

# QC Sample Results

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69863-1
SDG: Lea County New Mexico

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-135469/1-A**
**Matrix: Solid**
**Analysis Batch: 135481**

**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 | | | 03/20/26 09:02 | 1 |

**Lab Sample ID: LCS 880-135469/2-A**
**Matrix: Solid**
**Analysis Batch: 135481**

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

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 226.1 | | mg/Kg | | 90 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-135469/3-A**
**Matrix: Solid**
**Analysis Batch: 135481**

**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 | 226.9 | | mg/Kg | | 91 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-69862-A-12-B MS**
**Matrix: Solid**
**Analysis Batch: 135481**

**Client Sample ID: Matrix Spike**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 18.6 | | 251 | 248.8 | | mg/Kg | | 92 | 90 - 110 | | |

**Lab Sample ID: 880-69862-A-12-C MSD**
**Matrix: Solid**
**Analysis Batch: 135481**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 18.6 | | 251 | 247.9 | | mg/Kg | | 92 | 90 - 110 | 0 | 20 |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69863-1
SDG: Lea County New Mexico

## GC VOA

### Analysis Batch: 135598

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69863-1 | Backfill Sample | Total/NA | Solid | 8021B | 135608 |
| MB 880-135608/5-A | Method Blank | Total/NA | Solid | 8021B | 135608 |
| LCS 880-135608/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 135608 |
| LCSD 880-135608/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 135608 |
| 880-69863-1 MS | Backfill Sample | Total/NA | Solid | 8021B | 135608 |
| 880-69863-1 MSD | Backfill Sample | Total/NA | Solid | 8021B | 135608 |

### Prep Batch: 135608

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69863-1 | Backfill Sample | Total/NA | Solid | 5035 | |
| MB 880-135608/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-135608/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-135608/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-69863-1 MS | Backfill Sample | Total/NA | Solid | 5035 | |
| 880-69863-1 MSD | Backfill Sample | Total/NA | Solid | 5035 | |

### Analysis Batch: 135716

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69863-1 | Backfill Sample | Total/NA | Solid | Total BTEX | |

## GC Semi VOA

### Analysis Batch: 135628

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69863-1 | Backfill Sample | Total/NA | Solid | 8015B NM | 135646 |
| MB 880-135646/1-A | Method Blank | Total/NA | Solid | 8015B NM | 135646 |
| LCS 880-135646/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 135646 |
| LCSD 880-135646/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 135646 |
| 880-69862-A-6-D MS | Matrix Spike | Total/NA | Solid | 8015B NM | 135646 |
| 880-69862-A-6-E MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 135646 |

### Prep Batch: 135646

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69863-1 | Backfill Sample | Total/NA | Solid | 8015NM Prep | |
| MB 880-135646/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-135646/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-135646/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-69862-A-6-D MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-69862-A-6-E MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 135762

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69863-1 | Backfill Sample | Total/NA | Solid | 8015 NM | |

## HPLC/IC

### Leach Batch: 135469

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69863-1 | Backfill Sample | Soluble | Solid | DI Leach | |
| MB 880-135469/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-135469/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-135469/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69863-1
SDG: Lea County New Mexico

## HPLC/IC (Continued)

### Leach Batch: 135469 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69862-A-12-B MS | Matrix Spike | Soluble | Solid | DI Leach | |
| 880-69862-A-12-C MSD | Matrix Spike Duplicate | Soluble | Solid | DI Leach | |

### Analysis Batch: 135481

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-69863-1 | Backfill Sample | Soluble | Solid | 300.0 | 135469 |
| MB 880-135469/1-A | Method Blank | Soluble | Solid | 300.0 | 135469 |
| LCS 880-135469/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 135469 |
| LCSD 880-135469/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 135469 |
| 880-69862-A-12-B MS | Matrix Spike | Soluble | Solid | 300.0 | 135469 |
| 880-69862-A-12-C MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 135469 |

# Lab Chronicle

Client: Carmona Resources
Project/Site: Berry 2 (2.16.2026)

Job ID: 880-69863-1
SDG: Lea County New Mexico

## Client Sample ID: Backfill Sample

**Date Collected: 03/19/26 00:00**
**Date Received: 03/19/26 15:54**

## Lab Sample ID: 880-69863-1

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 135608 | 03/23/26 09:46 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 135598 | 03/23/26 11:56 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 135716 | 03/23/26 11:56 | SA | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 135762 | 03/23/26 21:42 | SA | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10.00 mL | 135646 | 03/23/26 12:25 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 135628 | 03/23/26 21:42 | FC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 135469 | 03/20/26 08:23 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 135481 | 03/20/26 11:41 | 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: Berry 2 (2.16.2026)

Job ID: 880-69863-1
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: Berry 2 (2.16.2026)

Job ID: 880-69863-1
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: Berry 2 (2.16.2026)

Job ID: 880-69863-1
SDG: Lea County New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 880-69863-1 | Backfill Sample | Solid | 03/19/26 00:00 | 03/19/26 15:54 | New Mexico |

Page 579 of 588

# Chain of Custody

880-69863 Chain of Custody

3/24/2026

Page ___1___ of ___1___

| | | | |
|---|---|---|---|
| Project Manager: | Ashton Thielke | Bill to: (if different) | Carmona Resources |
| Company Name: | Carmona Resources | Company Name: | |
| Address: | 310 West Wall 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 ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name: | Berry 2 (02.16.2026) | Turn Around | |
| Project Number: | 3161 | ☐ Routine | ☑ Rush |
| Project Location | Lea County, New Mexico | Due Date: | 72 Hour |
| Sampler's Name: | JDC | | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes (No) | Wet Ice: | (Yes) No |
| Received Intact: | (Yes) No | Thermometer ID: | IR-5 |
| Cooler Custody Seals: | Yes No (N/A) | Correction Factor: | -1 |
| Sample Custody Seals: | Yes No (N/A) | Temperature Reading: | 4.0 |
| Total Containers: | | Corrected Temperature: | 4.1 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Backfill Sample | 3/19/2026 | | X | | comp | 1 | | X | X | X | | |

Parameters

ANALYSIS REQUEST

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 3/19/26 15:54 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

Revised Date 05012020 Rev. 2020.1



Received by OCD: 4/2/2026 2:29:46 PM

Released to Imaging: 4/15/2026 11:33:06 AM

# Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-69863-1
SDG Number: Lea County New Mexico

**Login Number: 69863**
**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 | |

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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

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>570880 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| **Prerequisites** | |
|---|---|
| Incident ID (n#) | **nAPP2604748844** |
| Incident Name | **NAPP2604748844 BERRY 2 (02.16.2026) @ A-22-20S-34E 1N 1E** |
| Incident Type | **Produced Water Release** |
| Incident Status | **Remediation Closure Report Received** |

| **Location of Release Source** | |
|---|---|
| *Please answer all the questions in this group.* | |
| Site Name | Berry 2 (02.16.2026) |
| Date Release Discovered | 02/16/2026 |
| Surface Owner | Private |

| **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 \| Pipeline (Any) \| Produced Water \| Released: 102 BBL \| Recovered: 40 BBL \| Lost: 62 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) | Flex hose came apart at the coupling |

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## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>570880 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

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

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

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

| | |
|---|---|
| I hereby agree and sign off to the above statement | Name: Cassie Whitefield<br>Email: cassie.whitefield@deleklogistics.com<br>Date: 04/02/2026 |

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## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>570880 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| **Site Characterization** | |
|---|---|
| *Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.* | |
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 100 and 500 (ft.) |
| What method was used to determine the depth to ground water | Direct Measurement |
| Did this release impact groundwater or surface water | No |
| **What is the minimum distance, between the closest lateral extents of the release and the following surface areas:** | |
| A continuously flowing watercourse or any other significant watercourse | Between 1 and 5 (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between 1 and 5 (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Between 1 and 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between 1 and 5 (mi.) |
| Any other fresh water well or spring | Between 1 and 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Between 1 and 5 (mi.) |
| A subsurface mine | Greater than 5 (mi.) |
| An (non-karst) unstable area | Greater than 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | Low |
| A 100-year floodplain | Between 1 and 5 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | No |

| **Remediation Plan** | |
|---|---|
| *Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.* | |
| Requesting a remediation plan approval with this submission | Yes |
| *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) | 4790 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 75.4 |
| GRO+DRO (EPA SW-846 Method 8015M) | 75.4 |
| 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 | 03/18/2026 |
| On what date will (or did) the final sampling or liner inspection occur | 03/24/2026 |
| On what date will (or was) the remediation complete(d) | 03/24/2026 |
| What is the estimated surface area (in square feet) that will be reclaimed | 0 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 0 |
| What is the estimated surface area (in square feet) that will be remediated | 58081 |
| What is the estimated volume (in cubic yards) that will be remediated | 4652 |
| *These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.* | |
| *The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.* | |

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## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>570880 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| | |
|---|---|
| **Remediation Plan (continued)** | |
| *Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.* | |
| **This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:** | |
| *(Select all answers below that apply.)* | |
| (Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.) | Yes |
| Which OCD approved facility will be used for **off-site** disposal | 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: 04/02/2026 |
| *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)

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>570880 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**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)

| | |
|---|---|
| Operator:<br>DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | OGRID:<br>330291 |
| | Action Number:<br>570880 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| **Sampling Event Information** | |
|---|---|
| Last sampling notification (C-141N) recorded | **564964** |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | **03/25/2026** |
| What was the (estimated) number of samples that were to be gathered | **290** |
| What was the sampling surface area in square feet | **54000** |

| **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 | 58081 |
| What was the total volume (cubic yards) remediated | 4652 |
| 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 | 0 |
| What was the total volume (in cubic yards) reclaimed | 0 |
| Summarize any additional remediation activities not included by answers (above) | 0.5' Surface scrape occured on the Delek well pad, remediating per NMAC 19.15.29.12 GW>100'. Excavation on the Cimarex well pad to the north to remove all contamination per NMAC 19.15.29.13. GW checked from the out of service windmill nearby to verify depth. |

*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: 04/02/2026 |

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

General Information
Phone: (505) 629-6116

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

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



## QUESTIONS (continued)

| Operator: | OGRID: |
|---|---|
| DKL Energy - Cottonwood, LLC<br>5850 Granite Parkway #450<br>Plano, TX 75024 | 330291 |
| | Action Number:<br>570880 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| **Reclamation Report** | |
|---|---|
| *Only answer the questions in this group if all reclamation steps have been completed.* | |
| Requesting a reclamation approval with this submission | No |

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# State of New Mexico
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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>570880 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| scwells | None | 4/15/2026 |