

SITE INFORMATION

Closure Report Ling Federal #3 Battery (12.26.2024) Incident # NAPP2500332961 Lea County, New Mexico Unit B Sec 31 T19S R34E 32.621889°, -103.597802°

Crude Oil Release Point of Release: Tank Overflow Release Date: 12.26.2024 Volume Released: 16 barrels of Crude Oil Volume Recovered: 9 barrels of Crude Oil

CARMONA RESOURCES



Prepared for: Fasken Oil and Ranch, Ltd. 6101 Holiday Hill Road Midland, Texas 79707

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

> 310 West Wall Street, Suite 500 Midland TX, 79701 432.813.1992



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March 5, 2025

New Mexico Oil Conservation Division 1220 South St, Francis Drive Santa Fe, NM 87505

Re: Closure Report Ling Federal #3 Battery (12.26.2024) Fasken Oil and Ranch, Ltd. Incident # NAPP2500332961 Site Location: Unit B, S31, T19S, R34E (Lat 32.621889°, Long -103.597802°) Lea County, New Mexico

To whom it may concern:

On behalf of Fasken Oil and Ranch, Ltd., Carmona Resources, LLC has prepared this letter to document the Ling Federal #3 Battery site activities. The site is located at 32.621889 °, -103.597802° within Unit B, S31, T19S, R34E, in Lea County, New Mexico (Figures 1 and 2).

<u>1.0 Site Information and Background</u>

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on December 26, 2024, due to a check valve malfunctioning and causing the tank to overflow. It resulted in the release of approximately sixteen (16) barrels of crude oil, with nine (9) barrels of crude oil being recovered. The impacted area remained on the well pad, as 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 is one known water source within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.39 miles Southeast of the site in S31, T19S, 34E and was drilled in 1976. The well has a reported depth of 147.58 feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

<u>4.0 Site Assessment Activities</u>

On January 14, 2025, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of two (2) sample points (S-1 and S-2) and four (4) horizontal samples (H-1 through H-5) were advanced to depths ranging from the surface to 5.0' bgs inside and surrounding the release area to evaluate the vertical and horizontal extent. For chemical analysis, the soil samples were collected and

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placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chainof-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E. Refer to Table 1 for the analytical results. The sample locations are shown in Figure 3.

5.0 Remediation Activities

Carmona Resources personnel were on site to guide remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via web portal on February 18, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C for correspondence. A total of seven (7) floor confirmation samples were collected (CS-1 through CS-7), and ten (10) sidewall samples (SW-1 through SW-10) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are displayed in Figure 4.

All final confirmation samples were below regulatory requirements for TPH, BTEX, and chloride. Refer to Table 2 for the results.

Before the excavation was backfilled, a composite sample was collected on February 20, 2025. The backfill material was sourced locally from Lea Land Pit. Refer to Table 2. Once the remediation activities were completed, the excavated area was backfilled with clean material to surface grade. Approximately 1,286 square feet of contaminated material was remediated, resulting in approximately 127 cubic yards of material being excavated and transported offsite for proper disposal.

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

Conner Moehring Environmental Manager

Ivan Ramos Project Manager

310 West Wall Street, Suite 500 Midland, Texas 79701 432.813.1992















APPENDIX A



.

Table 1 Fasken Oil & Ranch Ling Federal #3 Battery Lea County, New Mexico

| Comula ID | Dete | Denth (64) | | TPH | (mg/kg) | | Benzene | Toluene | Ethlybenzene | Xylene | Total | Chloride |
|-----------|----------------------------|------------|-------|-------|---------|-----------|----------|----------|--------------|----------|-----------------|-----------|
| Sample ID | Date | Depth (ft) | GRO | DRO | MRO | Total | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | BTEX (mg/kg) | (mg/kg) |
| | 1/14/2025 | 0-1' | 1,920 | 1,670 | <49.8 | 3,590 | 19.7 | 147 | 59.3 | 125 | 351 | 111 |
| | " | 1.5' | <49.8 | <49.8 | <49.8 | <49.8 | 0.221 | 2.79 | 1.62 | 3.39 | 8.02 | 85.9 |
| S-1 | " | 2' | <49.8 | <49.8 | <49.8 | <49.8 | <0.100 | 0.160 | 0.135 | 3.00 | 3.29 | 80.1 |
| 3-1 | " | 3' | <50.0 | <50.0 | <50.0 | <50.0 | 0.00504 | 0.0164 | 0.00320 | 0.00896 | 0.0336 | 103 |
| | " | 4' | <49.9 | <49.9 | <49.9 | <49.9 | <0.0504 | <0.0504 | <0.0504 | <0.101 | <0.101 | 79.6 |
| | " | 5' | <49.9 | <49.9 | <49.9 | <49.9 | 0.00557 | <0.00200 | <0.00200 | <0.00399 | 0.00557 | 33.8 |
| | 1/14/2025 | 0-1' | <49.7 | 49.8 | <49.7 | 49.8 | 0.103 | 1.01 | 0.544 | 14.1 | 15.7 | 93.7 |
| | " | 1.5' | 287 | 479 | <49.7 | 766 | 0.438 | 12.7 | 9.65 | 19.8 | 42.6 | 38.6 |
| S-2 | " | 2' | <49.8 | <49.8 | <49.8 | <49.8 | 0.00530 | 0.0113 | 0.00397 | 0.00875 | 0.0293 | 65.6 |
| | " | 3' | <49.8 | <49.8 | <49.8 | <49.8 | 0.0201 | 0.240 | 0.175 | 0.371 | 0.806 | 27.9 |
| | " | 4' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | 0.00666 | 0.00666 | 101 |
| H-1 | 1/14/2025 | 0-0.5' | <49.8 | <49.8 | <49.8 | <49.8 | 0.00233 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 20.3 |
| H-2 | 1/14/2025 | 0-0.5' | <49.8 | <49.8 | <49.8 | <49.8 | 0.00248 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | 23.7 |
| H-3 | 1/14/2025 | 0-0.5' | <49.7 | <49.7 | <49.7 | <49.7 | 0.003 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 32.3 |
| H-4 | 1/14/2025 | 0-0.5' | <49.8 | <49.8 | <49.8 | <49.8 | 0.00215 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | 23.2 |
| Regulat | tory 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

(S) Sample Point (H) Horizontal Point

Removed

•

Table 2 Fasken Oil & Ranch Ling Federal #3 Battery Lea County, New Mexico

| Sample ID | Date | Domth (ft) | | TPH | (mg/kg) | | Benzene | Toluene | Ethlybenzene | Xylene | Total BTEX | Chloride |
|--------------|---------------------------------------|------------|-------|-------|---------|-----------|----------|----------|--------------|----------|---------------|-----------|
| Sample ID | Date | Depth (ft) | GRO | DRO | MRO | Total | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) |
| CS-1 | 2/20/2025 | 1.5' | <49.7 | <49.7 | <49.7 | <49.7 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | <10.1 |
| CS-2 | 2/20/2025 | 1.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00198 | <0.00198 | <0.00198 | <0.00397 | <0.00397 | <9.98 |
| CS-3 | 2/20/2025 | 1.5' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | <9.98 |
| CS-4 | 2/20/2025 | 2' | <49.7 | <49.7 | <49.7 | <49.7 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | <9.98 |
| CS-5 | 2/20/2025 | 2' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | <10.1 |
| CS-6 | 2/20/2025 | 2' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | <9.96 |
| CS-7 | 2/20/2025 | 2' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | <9.94 |
| SW-1 | 2/20/2025 | 1.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | <10.0 |
| SW-2 | 2/20/2025 | 1.5' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | <9.94 |
| SW-3 | 2/20/2025 | 1.5' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | <9.92 |
| SW-4 | 2/20/2025 | 2' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | <10.1 |
| SW-5 | 2/20/2025 | 2' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | <9.94 |
| SW-6 | 2/20/2025 | 2' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | <9.92 |
| SW-7 | 2/20/2025 | 2' | <49.8 | <49.8 | <49.8 | <49.8 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | <10.1 |
| SW-8 | 2/20/2025 | 2' | <49.7 | <49.7 | <49.7 | <49.7 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | <9.96 |
| SW-9 | 2/20/2025 | 2' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | <9.94 |
| SW-10 | 2/20/2025 | 2' | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | <10.0 |
| Lea Land Pit | 2/20/2025 | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | <10.0 |
| | ory Criteria ^A Analyzed | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons ft - feet

(CS) Confirmation Sample (SW) Sidewall Sample

APPENDIX B



Fasken Oil and Ranch

Photograph No. 1

Ling Federal #3 Battery (12.26.2024) Facility:

County: Lea County, New Mexico

Description: View South, area of CS-1.



Photograph No. 2

- Facility: Ling Federal #3 Battery (12.26.2024)
- Lea County, New Mexico County:

Description:

View North, area of CS-2.



Photograph No. 3

- Facility: Ling Federal #3 Battery (12.26.2024)
- County: Lea County, New Mexico

Description:

View South, area of CS-3.





Fasken Oil and Ranch

Photograph No. 4

Facility: Ling Federal #3 Battery (12.26.2024)

County: Lea County, New Mexico

Description: View South, area of CS-4.



Photograph No. 5

- Facility:Ling Federal #3 Battery (12.26.2024)
- County: Lea County, New Mexico

Description:

View Southwest, area of CS-5 through CS-7.



Photograph No. 6

- Facility:Ling Federal #3 Battery (12.26.2024)
- County: Lea County, New Mexico

Description: View North of backfilled area.





Fasken Oil and Ranch

Photograph No. 7

Facility: Ling Federal #3 Battery (12.26.2024)

- County: Lea County, New Mexico
- **Description:** View South of backfilled area.



Photograph No. 8

- Facility: Ling Federal #3 Battery (12.26.2024)
- County: Lea County, New Mexico

Description:

View Southwest of backfilled area.



Photograph No. 9

- Facility:Ling Federal #3 Battery (12.26.2024)
- County: Lea County, New Mexico

Description: View South of backfilled area.



Fasken Oil and Ranch

Photograph V. J Ling Federal #3 Battery (12.26.2024) Facility: Ling Federal #3 Battery (12.26.2024) County: Lea County, New Mexico Description: View North of bar-tilled area.

APPENDIX C



General Information Phone: (505) 629-6116

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

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

QUESTIONS

| Operator: | OGRID: |
|------------------------|--|
| FASKEN OIL & RANCH LTD | 151416 |
| 6101 Holiday Hill Rd | Action Number: |
| Midland, TX 79707 | 416823 |
| | Action Type: |
| | [NOTIFY] Notification Of Release (NOR) |

QUESTIONS

| Location of Release Source | | | | |
|--|-------------------------|--|--|--|
| Please answer all the questions in this group. | | | | |
| Site Name | Ling Federal #3 Battery | | | |
| Date Release Discovered | 12/26/2024 | | | |
| Surface Owner | Federal | | | |
| | | | | |

Incident Details

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

Nature and Volume of Release

| Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission. | | | | |
|--|---|--|--|--|
| Crude Oil Released (bbls) Details | Cause: Equipment Failure Valve Crude Oil Released: 16 BBL Recovered: 9 BBL Lost: 7 BBL. | | | |
| Produced Water Released (bbls) Details | Not answered. | | | |
| Is the concentration of chloride in the produced water >10,000 mg/l | No | | | |
| Condensate Released (bbls) Details | Not answered. | | | |
| Natural Gas Vented (Mcf) Details | Not answered. | | | |
| Natural Gas Flared (Mcf) Details | Not answered. | | | |
| Other Released Details | Not answered. | | | |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Check Valves failed on tank and caused overflow | | | |

QUESTIONS

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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: | | OGRID: |
|-----------|------------------------|--|
| | FASKEN OIL & RANCH LTD | 151416 |
| | 6101 Holiday Hill Rd | Action Number: |
| | Midland, TX 79707 | 416823 |
| | | Action Type: |
| | 1 | [NOTJEY] Notification Of Release (NOR) |

QUESTIONS

appropriately

Γ.

| Nature and Volume of Release (continued) | | | | |
|---|---|--|--|--|
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. | | | |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | No | | | |
| Reasons why this would be considered a submission for a notification of a major release | Unavailable. | | | |
| 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. | | | | |

| With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e | 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 s | afety 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 |

| If all the actions described above have not been undertaken, explain why | Not answered. |
|--|--|
| | |
| | ion immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of |

True

Ter Paragraph 4 of Subsection B of 19.15.29.6 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a harrative of actions to date in the follow-up C-141 submission. If remediate afforts 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 a harrative of a date in the follow-up C-141 submission.

All free liquids and recoverable materials have been removed and managed

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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: | OGRID: |
|---|--|
| FASKEN OIL & RANCH LTD | 151416 |
| 6101 Holiday Hill Rd Midland, TX 79707 | Action Number: 416823 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

ACKNOWLEDGMENTS

| | I acknowledge that I am authorized to submit notification of a release on behalf of my operator. |
|---|--|
| M | 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. |
| | l 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. |
| R | 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. |
| V | 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. |
| V | l 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. |

ACKNOWLEDGMENTS

General Information Phone: (505) 629-6116

CONDITIONS

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

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

CONDITIONS

| Operator: | OGRID: |
|------------------------|--|
| FASKEN OIL & RANCH LTD | 151416 |
| 6101 Holiday Hill Rd | Action Number: |
| Midland, TX 79707 | 416823 |
| | Action Type: |
| | [NOTIFY] Notification Of Release (NOR) |

| Created By | Condition | Condition Date |
|---------------|---|-------------------|
| along | When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141. | 1/3/2025 |

CONDITIONS

Page 22eof 254

| | | LIQUI | D SPILLS - VOL | UME CALCULATION | | | |
|---|---|--|---|--|--|---|---------------------------|
| Locati | ion of spill: | Ling Fed #3 Batt | ery | Date of Spill: | 26-Dec-202 | 24 | |
| | | | | on equipment, i.e wellhead, s | — | | |
| | | flowline, tank battery, pr | oduction vessel, transfer | pump, or storage tank place ar | n "X" here: | | |
| | | | Input | Data: | OIL: | WATER: | |
| • | | | | nown enter the volumes here: | 0.0 BBL | 0.0 BBL | |
| lf "known" | | | the following "Area Ca | alculations" is optional. The a | | | imes. |
| | I otal Area | Calculations | wet soil | 8 | tanding Liquid | Calculations | |
| Total Surface Area Rectangle Area #1 | width 19 ft | length 45 ft X | depth oil (%) 5.00 in 100% | Standing Liquid Area | width 0 ft X | length 0 ft X | liquid depth oil (%) |
| Rectangle Area #2 | 14 ft X | 2 ft X | 5.00 in 100% | Rectangle Area #1 Rectangle Area #2 | 0 ft X | 0 ft X | 0 in 0% 0 in 0% |
| Rectangle Area #3 | 37 ft X | 18 ft X | 5.00 in 100% | Rectangle Area #3 | 0 ft X | 0ft X | 0 in 0% |
| Rectangle Area #4 Rectangle Area #5 | 0ft X 0ft X | Oft X Oft X | 0 in 0% 0 in 0% | Rectangle Area #4 Rectangle Area #5 | Oft X Oft X | 0 ft X 0 ft X | 0 in 0% 0 in 0% |
| Rectangle Area #6 | 0 ft X | 0 ft X | 0 in 0% | Rectangle Area #6 | 0 ft X | 0 ft X | 0 in 0% |
| Rectangle Area #7 | 0 ft X | 0ft X | 0 in 0% | Rectangle Area #7 | <mark>0</mark> ft X | 0 ft X | 0 in 0% |
| Rectangle Area #8 | 0 ft X | 0ft X | 0 in 0% | Rectangle Area #8 | 0 ft X | 0 ft X | 0 in 0% |
| | | | okay | | | | |
| | | production sy | • | DUCTION DATA REQUIRED | | | |
| Average Daily Production: | Oil 0 BB | L Water 0 BBL | 0 Gas (MCFD) | | | | |
| | | | | Total Hydrocarbon Con | tent in gas: 0% | (percentage) | |
| d leak occur before the sepa | rator?: | YES N/A | (place an "X") | H2S Content in Proc | duced Gas: 0 | PPM | |
| | | | () | H2S Content in Ta | | PPM | |
| Amount of Free Linuid | | | | Percentage of Oil in | | | |
| Amount of Free Liquid Recovered: | 9 BBL | okay | | | Recovered: 100% | (percentage) | |
| Liquid holding factor *: | 0.14 gal per | dal Line the followi | ng when the spill wets the grai | ing of the soil | the following when the | e liquid completely fills the | a para apaga of the soil: |
| | U.I. gai per | - | gallon (gal.) liquid per gal. vol | | | ked soil is contained by b | |
| | | | che) loam = 0.14 gal. liquid pe | | | uid per gal. volume of soi | |
| | | | am soil = 0.14 gal liquid per g | | | = 0.25 gal. liquid per gal. v | |
| | | ^ Clay loam = C | 0.16 gal. liquid per gal. volume | e of soil. * S | sandy loam = 0.5 gal. lie | quid per gal. volume of so | 11. |
| Total Solid/Liquid Volume: | 1,549 sq. ft. | cu. ft. | 645 cu. ft. | Total Free Liquid Volume: | sq. ft. | cu. ft. | cu. ft. |
| | Spilled | | | Estimated Production V | /olumes Lost | | |
| Estimated Volumes | | 100 | OIL | | | H2O | OIL |
| | in Soil | <u>H2O</u> 0.0 BBI | 16 1 BBI | Estimated Product | ion Snilled | | |
| Liquid Free | in Soil: Liquid: | 0.0 BBL <u>0.0</u> BBL | 16.1 BBL 0.0 BBL | Estimated Product | | 0.0 BBL | 0.0 BBL |
| Liquid Free | | 0.0 BBL | | Estimated Surface | Damage | 0.0 BBL | |
| Liquid Free | Liquid: Totals: | 0.0 BBL <u>0.0</u> BBL | 0.0 BBL | | | 0.0 BBL | |
| Liquid Free | Liquid: Totals: I Liquid: | 0.0 BBL <u>0.0 BBL</u> 0.0 BBL | 0.0 BBL 16.1 BBL | Estimated Surface Surface Area: | Damage 1,549 sq. ft. .0356 acre | 0.0 BBL | |
| Liquid Free Total Liquid Spill <u>Recovered Volur</u> | Liquid: Totals: I Liquid: mes | 0.0 BBL 0.0 BBL 0.0 BBL 0.0 BBL | 0.0 <u>BBL</u> 16.1 BBL 16.09 BBL | Estimated Surface Surface Area: Surface Area: Estimated Weights, ar | Damage 1,549 sq. ft. .0356 acre nd Volumes | | 0.0 BBL |
| Liquid Free Total Liquid Spill <u>Recovered Volur</u> Estimated oil recovered: | : Liquid: Totals: I Liquid: <u>nes</u> BBL | 0.0 BBL 0.0 BBL 0.0 BBL 0.0 BBL check - ok | 0.0 BBL 16.1 BBL 16.09 BBL | <u>Estimated Surface</u> Surface Area: Surface Area: <u>Estimated Weights, ar</u> Saturated Soil = | <u>Damage</u> 1,549 sq. ft. .0356 acre <u>nd Volumes</u> 72,287 lbs | <mark>645</mark> cu. ft. | 0.0 BBL |
| Liquid Free Total Liquid Spill <u>Recovered Volur</u> Estimated oil recovered: | Liquid: Totals: I Liquid: mes | 0.0 BBL 0.0 BBL 0.0 BBL 0.0 BBL | 0.0 BBL 16.1 BBL 16.09 BBL | Estimated Surface Surface Area: Surface Area: Estimated Weights, ar | Damage 1,549 sq. ft. .0356 acre nd Volumes | | 0.0 BBL |
| Liquid Free Total Liquid Spill <u>Recovered Volur</u> Estimated oil recovered: istimated water recovered: | Liquid: Totals: I Liquid: <u>nes</u> BBL BBL | 0.0 BBL 0.0 BBL 0.0 BBL 0.0 BBL check - ok | 0.0 BBL 16.1 BBL 16.09 BBL | <u>Estimated Surface</u> Surface Area: Surface Area: <u>Estimated Weights, ar</u> Saturated Soil = Total Liquid = | Damage 1,549 sq. ft. .0356 acre nd Volumes 72,287 lbs 16 BBL | <mark>645</mark> cu. ft. | 0.0 BBL |
| Liquid Free Total Liquid Spill <u>Recovered Volur</u> Estimated oil recovered: istimated water recovered: <u>Air Emission from flow</u> | Liquid: Totals: I Liquid: <u>nes</u> BBL BBL | 0.0 BBL 0.0 BBL 0.0 BBL 0.0 BBL check - ok | 0.0 BBL 16.1 BBL 16.09 BBL | Estimated Surface Surface Area: Surface Area: Estimated Weights, ar Saturated Soil = Total Liquid = <u>Air Emission of Reporting</u> | Damage 1,549 sq. ft. .0356 acre nd Volumes 72,287 lbs 16 BBL | 645 cu. ft. 676 gallon | 0.0 BBL |
| Liquid Free Total Liquid Spill <u>Recovered Volur</u> Estimated oil recovered: istimated water recovered: | Liquid: Totals: Liquid: <u>nes</u> BBL BBL Iine leaks: | 0.0 BBL 0.0 BBL 0.0 BBL 0.0 BBL check - ok | 0.0 BBL 16.1 BBL 16.09 BBL | Estimated Surface Surface Area: Surface Area: Estimated Weights, ar Saturated Soil = Total Liquid = <u>Air Emission of Reporting</u> | Damage 1,549 sq. ft. .0356 acre nd Volumes 72,287 lbs 16 BBL Requirements: ew Mexico | <mark>645</mark> cu. ft. | 0.0 BBL |
| Liquid Free Total Liquid Spill <u>Recovered Volur</u> Estimated oil recovered: istimated water recovered: <u>Air Emission from flow</u> Volume of oil spill: Separator gas calculated: Separator gas released: | Liquid: Totals: Liquid: <u>mes</u> BBL BBL Ine leaks: - BBL - MCF - MCF | 0.0 BBL 0.0 BBL 0.0 BBL 0.0 BBL check - ok | 0.0 BBL 16.1 BBL 16.09 BBL | Estimated Surface Surface Area: Surface Area: Estimated Weights, ar Saturated Soil = Total Liquid = <u>Air Emission of Reporting</u> | Damage 1,549 sq. ft. .0356 acre ad Volumes 72,287 lbs 16 BBL 16 BBL Requirements: ew Mexico O | 645 cu. ft. 676 gallon <u>Texas</u> | 0.0 BBL |
| Liquid Free Total Liquid Spill <u>Recovered Volur</u> Estimated oil recovered: Estimated water recovered: <u>Air Emission from flow</u> Volume of oil spill: Separator gas calculated: Separator gas released: Gas released from oil: | Liquid: Totals: I Liquid: mes BBL BBL Iine leaks: - BBL - MCF - MCF - MCF - Ib | 0.0 BBL 0.0 BBL 0.0 BBL 0.0 BBL check - ok | 0.0 BBL 16.1 BBL 16.09 BBL | Estimated Surface Surface Area: Surface Area: Estimated Weights, ar Saturated Soil = Total Liquid = Air Emission of Reporting N HC gas release reportable? N | Damage 1,549 sq. ft. .0356 acre ad Volumes 72,287 lbs 16 BBL 16 BBL Requirements: ew Mexico O | 645 cu. ft. 676 gallon <u>Texas</u> NO | 0.0 BBL |
| Liquid Free Total Liquid Spill <u>Recovered Volur</u> Estimated oil recovered: stimated water recovered: <u>Air Emission from flow</u> Volume of oil spill: Separator gas calculated: Separator gas released: | Liquid: Totals: Liquid: <u>mes</u> BBL BBL Ine leaks: - BBL - MCF - MCF | 0.0 BBL 0.0 BBL 0.0 BBL 0.0 BBL check - ok | 0.0 BBL 16.1 BBL 16.09 BBL | Estimated Surface Surface Area: Surface Area: Estimated Weights, ar Saturated Soil = Total Liquid = Air Emission of Reporting N HC gas release reportable? N | Damage 1,549 sq. ft. .0356 acre ad Volumes 72,287 lbs 16 BBL 16 BBL Requirements: ew Mexico O | 645 cu. ft. 676 gallon <u>Texas</u> NO | 0.0 BBL |

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

Page 24cof 254 QUESTIONS

Action 416843

| QUESTIONS |
|-----------|
|-----------|

| Operator: | OGRID: |
|------------------------|---|
| FASKEN OIL & RANCH LTD | 151416 |
| 6101 Holiday Hill Rd | Action Number: |
| Midland, TX 79707 | 416843 |
| | Action Type: |
| | [C-141] Initial C-141 (C-141-v-Initial) |

QUESTIONS

| Prerequisites | |
|------------------|---|
| Incident ID (n#) | nAPP2500332961 |
| Incident Name | NAPP2500332961 LING FEDERAL #3 BATTERY @ 30-025-38608 |
| Incident Type | Oil Release |
| Incident Status | Initial C-141 Received |
| Incident Well | [30-025-38608] LING FEDERAL #003 |

Location of Release Source

| Site Name | Ling Federal #3 Battery |
|-------------------------|-------------------------|
| Date Release Discovered | 12/26/2024 |
| Surface Owner | Federal |

Incident Details

| Please answer all the questions in this group. | |
|---|-------------|
| Incident Type | Oil Release |
| Did this release result in a fire or is the result of a fire | No |
| Did this release result in any injuries | No |
| Has this release reached or does it have a reasonable probability of reaching a watercourse | Νο |
| Has this release endangered or does it have a reasonable probability of endangering public health | Νο |
| Has this release substantially damaged or will it substantially damage property or the environment | Νο |
| 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 fo | r the volumes provided should be attached to the follow-up C-141 submission. |
|---|---|
| Crude Oil Released (bbls) Details | Cause: Equipment Failure Valve Crude Oil Released: 16 BBL Recovered: 9 BBL Lost: 7 BBL. |
| Produced Water Released (bbls) Details | Not answered. |
| Is the concentration of chloride in the produced water >10,000 mg/l | No |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | Not answered. |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Check Valves failed on tank and caused overflow |

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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, Page 2

Action 416843

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| QUESTIONS (continued) | |
|------------------------------|--|
| | |

| Operator: | OGRID: |
|------------------------|---|
| FASKEN OIL & RANCH LTD | 151416 |
| 6101 Holiday Hill Rd | Action Number: |
| Midland, TX 79707 | 416843 |
| | Action Type: |
| | [C-141] Initial C-141 (C-141-v-Initial) |

QUESTIONS

| Nature and Volume of Release (continued) | | |
|---|---|--|
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. | |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | No | |
| Reasons why this would be considered a submission for a notification of a major release | Unavailable. | |
| 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. ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of | |
| | ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of | |
| | | |
| to report and/or file certain release notifications and perform corrective actions for releat the OCD does not relieve the operator of liability should their operations have failed to a | knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or | |
| I hereby agree and sign off to the above statement | Name: Addison Long Email: addisonl@forl.com | |

Date: 01/03/2025

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

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Action 416843

| QUESTIONS (continued) | |
|-----------------------|--------|
| | OGRID: |
| | 151416 |

| FASKEN OIL & RANCH LTD | 151416 |
|------------------------|---|
| 6101 Holiday Hill Rd | Action Number: |
| Midland, TX 79707 | 416843 |
| | Action Type: |
| | [C-141] Initial C-141 (C-141-v-Initial) |

QUESTIONS

Operator:

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 ar | nd 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.

General Information Phone: (505) 629-6116

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

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

CONDITIONS

| Operator: | OGRID: |
|------------------------|---|
| FASKEN OIL & RANCH LTD | 151416 |
| 6101 Holiday Hill Rd | Action Number: |
| Midland, TX 79707 | 416843 |
| | Action Type: |
| | [C-141] Initial C-141 (C-141-v-Initial) |
| CONDITIONS | |

| Created | Condition | Condition |
|---------|-----------|-----------|
| Ву | | Date |
| nvelez | None | 1/3/2025 |

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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

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Action 432890

QUESTIONS

| Operator: | OGRID: | |
|------------------------|--|--|
| FASKEN OIL & RANCH LTD | 151416 | |
| 6101 Holiday Hill Rd | Action Number: | |
| Midland, TX 79707 | 432890 | |
| | Action Type: | |
| | [NOTIFY] Notification Of Sampling (C-141N) | |

QUESTIONS

| Prerequisites | |
|------------------|---|
| Incident ID (n#) | nAPP2500332961 |
| Incident Name | NAPP2500332961 LING FEDERAL #3 BATTERY @ 30-025-38608 |
| Incident Type | Oil Release |
| Incident Status | Initial C-141 Approved |
| Incident Well | [30-025-38608] LING FEDERAL #003 |

Location of Release Source

| Site Name | Ling Federal #3 Battery |
|-------------------------|-------------------------|
| Date Release Discovered | 12/26/2024 |
| Surface Owner | Federal |

Sampling Event General Information

| Please answer all the questions in this group. | | |
|---|-------------------------------|--|
| What is the sampling surface area in square feet | 1,300 | |
| What is the estimated number of samples that will be gathered | 18 | |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 02/20/2025 | |
| Time sampling will commence | 10:00 AM | |
| Please provide any information necessary for observers to contact samplers | Conner Moehring, 432-813-6823 | |
| Please provide any information necessary for navigation to sampling site | 32.621889, -103.597802 | |

General Information Phone: (505) 629-6116

CONDITIONS

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

| Operator: | OGRID: | |
|------------------------|--|--|
| FASKEN OIL & RANCH LTD | 151416 | |
| 6101 Holiday Hill Rd | Action Number: | |
| Midland, TX 79707 | 432890 | |
| | Action Type: | |
| | [NOTIFY] Notification Of Sampling (C-141N) | |

| Created By | Condition | Condition Date |
|---------------|---|-------------------|
| along | Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted. | 2/18/2025 |

CONDITIONS

CONDITIONS

APPENDIX D





Received by OCD: 3/11/2025 9:56:16 AM FASKEN OIL & RANCH LTD

Legend

Page 32 of 254

- Ling Federal #3 Battery (12.26.2024) ۲
 - Low

U.S. HWY 62

1 mi

QLing Federal #3 Battery (12.26.2024)



New Mexico Office of the State Engineer Water Column/Average Depth to Water

 (A CLW#### in

 the POD suffix
 (R=POD has

 indicates
 been

 the POD has been
 replaced,

 replaced
 O=orphaned,

 & no longer serves a
 C=the file is

 water right file.)
 closed)

(quarters are smallest to largest)

| POD Number | Code | Sub basin | County | Q64 | Q16 | Q4 | Sec | Tws | Range | X | Y | Мар | Distance | Well Depth | - | Water Column |
|----------------------|------|--------------|--------|-----|-----|----|-----|-----|-------|----------|-------------|-----|----------|---------------|-----|-----------------|
| <u>L 07213</u> | | L | LE | SE | NW | SE | 31 | 19S | 34E | 631700.0 | 3609351.0 * | • | 209 | 160 | 110 | 50 |
| <u>CP 00748 POD1</u> | | СР | LE | | | NE | 01 | 20S | 33E | 630197.0 | 3608428.0 * | | 1595 | | | |
| <u>CP 00658 POD1</u> | | СР | LE | NE | NE | SE | 26 | 19S | 33E | 628857.0 | 3611125.0 * | | 3170 | 100 | | |
| <u>CP 01865 POD1</u> | | СР | LE | SE | SW | NE | 02 | 20S | 33E | 628390.1 | 3608155.4 | | 3327 | 105 | 0 | 105 |
| <u>CP 00750 POD1</u> | | СР | LE | | SW | SE | 07 | 20S | 34E | 631639.0 | 3605834.0 * | • | 3530 | 320 | | |

Average Depth to Water: 55 feet

(meters)

Minimum Depth: 0 feet

Maximum Depth: 110 feet

Record Count: 5

UTM Filters (in meters): Easting: 631491.00 **Northing:** 3609361.00 **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.

Released to Imaging: 6/9/2025 2:53:19 PM

(In feet)

| (A) Ov Str | | | | | | | | | | | |
|---------------|-------------------------|---------------------------------------|------------------------------|------------------|-------------------|------------------|---------------------------------------|--|---------------------|--|--|
| (A) Ov Str | | | | | WELL REC | ORD | | FIELD E | NGR. LO | | |
| (A) Ov Str | | ከበ - ነ | | | . GENERAL I | | | 0 | 47 04-4 | | |
| | wner of w reet or Po | ell <u>MC N</u> ost Office Ad | dress <u>P.O.</u> DS. New | Box 92 Mexico | 4 88240 | | Owne | r's Well No. <u>Qua</u> | | | |
| | | | | | | | | | | | |
| | | | | | 7 | | | 7 4 13 | | | |
| a | | 1/4 <u>SE</u> 1/4 | <u>NE 14 5</u> | E ¼ of Se | ction2 | Township | <u> 19 </u> Rar | ige <u>54 또</u> | N.M.P.M. | | |
| b. | Tract No |) | of Map No | • | of the | ÷ | | | | | |
| c. | Lot No. Subdivis | ion. recorded | of Block No I in | Lea | of the | e | | | | | |
| | | 4 | | | | | e System | | | | |
| u. | | | | | | | | · ••• ·· · · · · · · · · · · · · · · · | | | |
| (B) Dr | rilling Cor | ntractor | Abbott E | ros. | | | License No | D-46 | | | |
| Address | P.0. | . Box 63 | 37, Hobb | s, New 1 | Mexico | 88240 | | | | | |
| Drilling | Began | 5/4/74 | Com | pleted <u>5/</u> | 5/74 | _ Type tools . | Cable | Size of hole | 8 <u>1</u> in. | | |
| Elevatio | n of land | surface or | | | at we | ll is | ft. Total depth | of well160 | ft. | | |
| | ted well is | | | | | | er upon completion | • | | | |
| complet | | , ലാ ബ | | | | | | | 1L. | | |
|] | Depth in | Feet | Thickness | s | CIPAL WATE | <u></u> | · · · · | Estimated | | | |
| Fro | m | То | in Feet | | Description of | water-Bearing | | (gallons per r | ninute) | | |
| 11 | 0 | 160 | 50 | <u>B</u> | Brown sand | | | 50 | | | |
| · · | | | | | | | · · · | . | | | |
| · | | | | | | | <u></u> , | | | | |
| | | | | | | | · · · · · · · · · · · · · · · · · · · | | | | |
| | | | | Sectio | n 3. RECORD | OF CASING | | · · · · · | | | |
| Diam (inch | | Pounds per foot | Threads per in. | Depth Top | in Feet Bottom | Length (feet) | Type of Sho | e Perfor | rations To | | |
| 7 | | 23 | 10 | 0 | 160 | 160 | NONE | 110 | 160 | | |
| (<u> </u> | | | | | 100 | 00 | NONE | | | | |
| k / | | | | | | | · • | | | | |
| | <u>_</u> | | <u> </u> | | | | | · · · · · · · · · · · · · · · · · · · | | | |
| | Depth in | Feet | Sect Hole | Sack | | ubic Feet | | d of Discom+ | · | | |
| Fro | om | То | Diameter | of Mu | of Mud of Cement | | | Method of Placement | | | |
| · | | | | | | | Cement at | top | | | |
| : | · . | | · · · | | | | | | | | |
| | | | | | | - | | · | | | |
| | | | · · · · | Sectio | n 5. PLUGGI | IG RECORD | | | | | |
| | | | | | | | | | | | |
| | | · · · · · · · · · · · · · · · · · · · | | | ····· | No. | Depth in Top | | ibic Feet Cement | | |
| Date We | | df | | | | $$ $\frac{1}{2}$ | | · · · · · · · · · · · · · · · · · · · | | | |
| 000 | · | • | State En | gineer Repress | entative | 3 | | | | | |
| <u> </u> | | | | | <u> </u> | 4 | | L | | | |
| Date Re | ceived | 5/15/ | 74 | FOR USE | OF STATE E | | ILY FWL _ | | | | |

| | | : | |
|----------------------|----------|---------|----|
| Released to Imaging: | 6/9/2025 | 2:53:19 | РМ |

Received by OCD: 3/11/2025 9:56:16 AM

Section 6. LOG OF HOLE Depth in Feet Thickness Color and Type of Material Encountered in Feet From То 0 1] Top soil 24 1 25 Caliche 25 110 85 Sand and gravel 110 150 40 Water sand 150 160 10 Sandy clay

Section 7. REMARKS AND ADDITIONAL INFORMATION

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

Murrell Albelt Driller N.B

INSTRUCTIONS: This for would be recuted in triplicate, preferably typewritten, and submitted appropriate distri-of the State Engineer. As we tions, except Section 5, shall be answered as complete and accurate as possible when any Released to Imaging 56/9/2025 : 33:19 PM form is used as a plugging record, only Section 1(a) and Section need be completed.

appropriate district office s possible when any well is

1971

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USGS Home Contact USGS Search USGS



National Water Information System: Web Interface **USGS** Water Resources

| Data Category: | | Geographic Area: | | |
|----------------|---|------------------|---|----|
| 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.

Groundwater levels for New Mexico

Click to hide state-specific text

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs site_no list = • 323659103354601

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 323659103354601 19S.34E.31.232 DUP

Lea County, New Mexico Latitude 32°36'59", Longitude 103°35'46" NAD27 Land-surface elevation 3,630 feet above NAVD88 This well is completed in the Other aquifers (N9999OTHER) national 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 measurement | ? Water- level approval status |
|------------|------|---|------------------------|---|---|---------------------------------|-------------|-------------------------------|--------------------------|-------------------------------|--|
| | | | | | | | | | | | |
| 1976-12-15 | | 1 | D 6261 | D | 3480.87 | NGVD29 | Р | 2 | 2 | | |
| 1976-12-15 | | I | D 6261 | 1 | 3482.42 | NAVD88 | Р | 2 | 2 | | |
| 1976-12-15 | | 1 | D 7201 | 9 147.58 | | | Р | ž | 2 | | |

| 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 | Р | Pumping | | | | | | |
| Method of measurement | Z | Other. | | | | | | |
| Measuring agency | | Not determined | | | | | | |
| Source of measurement | | Not determined | | | | | | |
| Water-level approval status | А | Approved for publication Processing and review completed. | | | | | | |

Questions or Comments <u>Help</u> Data Tips

Explanation of terms Subscribe for system changes

Accessibility FOIA Privacy Policies and Notices U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for New Mexico: Water Levels

Reliension in the second s


USGS Home Contact USGS Search USGS

Science for a changing world

National Water Information System: Web Interface USGS Water Resources

| Data Category: | | Geographic Area: | | |
|----------------|---|------------------|---|----|
| 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.

Groundwater levels for New Mexico

Click to hide state-specific text

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 323657103361301

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 323657103361301 19S.34E.31.13220

Lea County, New Mexico Latitude 32°36'57", Longitude 103°36'13" NAD27 Land-surface elevation 3,618 feet above NAVD88 The depth of the well is 66 feet below land surface. This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) 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 measurement | ? Water- level approval status |
|------------|------|---|------------------------|---|---|---------------------------------|-------------|-------------------------------|--------------------------|-------------------------------|--|
| | | | | | | | | | | | |
| 1965-11-17 | | 1 | D 62610 | | 3557.85 | NGVD29 | Р | Z | | | А |
| 1965-11-17 | | 1 | D 62611 | | 3559.40 | NAVD88 | Р | Z | | | A |
| 1965-11-17 | | | 72019 | 58.60 | | | Р | Z | | | А |

| 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 | Р | Pumping | | | | | | | | |
| Method of measurement | Z | Other. | | | | | | | | |
| Measuring agency | | Not determined | | | | | | | | |
| Source of measurement | | Not determined | | | | | | | | |
| Water-level approval status | А | Approved for publication Processing and review completed. | | | | | | | | |

Questions or Comments Help Data Tips Explanation of terms Subscribe for system changes Received by OCD: 3/11/2025 9:56:16 AM

Ling Federal #3 Battery (12.26.2024)



Released to Imaging: 6/9/2025 2:53:19 PM

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Ling Federal #3 Battery (12.26.2024)



Esri, NASA, NGA, USGS, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS

APPENDIX E



Received by OCD: 3/11/2025 9:56:16 AM



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Carmona Carmona Resources 310 W Wall St Ste 500 Midland, Texas 79701 Generated 1/20/2025 11:33:56 AM

JOB DESCRIPTION

Ling Federal #3 Battery Lea County, New Mexico

JOB NUMBER

880-53220-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701





Eurofins Midland

Job Notes

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

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

Authorization

AMER

Generated 1/20/2025 11:33:56 AM

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

Eurofins Midland is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

Laboratory Job ID: 880-53220-1 SDG: Lea County, New Mexico

Table of Contents

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| | |

2

Job ID: 880-53220-1 SDG: Lea County, New Mexico

Qualifiare

| Qualifiers | | 3 |
|----------------|---|-----|
| GC VOA | | |
| Qualifier | Qualifier Description | |
| S1+ | Surrogate recovery exceeds control limits, high biased. | |
| U | Indicates the analyte was analyzed for but not detected. | 5 |
| GC Semi VOA | | |
| Qualifier | Qualifier Description | |
| F1 | MS and/or MSD recovery exceeds control limits. | |
| U | Indicates the analyte was analyzed for but not detected. | |
| HPLC/IC | | |
| Qualifier | Qualifier Description | 8 |
| U | Indicates the analyte was analyzed for but not detected. | |
| Glossary | | 9 |
| 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) | 4 4 |
| Dil Fac | Dilution Factor | 13 |
| 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) | |

MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry)

MDC Minimum Detectable Concentration (Radiochemistry)

Limit of Detection (DoD/DOE)

Limit of Quantitation (DoD/DOE)

MDL Method Detection Limit Minimum Level (Dioxin) ML MPN Most Probable Number

LOD LOQ

Method Quantitation Limit MQL 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

Quality Control QC

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: Ling Federal #3 Battery

Job ID: 880-53220-1

Eurofins Midland

Job ID: 880-53220-1

Job Narrative 880-53220-1

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

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

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

Receipt

The samples were received on 1/15/2025 9:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-1') (880-53220-1) and S-2 (0-1') (880-53220-2).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-1 (0-1') (880-53220-1). 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 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-100310 and analytical batch 880-100509 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

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

Project/Site: Ling Federal #3 Battery

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

5

Job ID: 880-53220-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-53220-1 Matrix: Solid

Date Collected: 01/14/25 00:00 Date Received: 01/15/25 09:25

Г

Client: Carmona Resources

| Method: SW846 8021B - Volatile Or | | | | | | _ | _ | | |
|---|--------------|-------------|----------------------|-----|-------|---|----------------|----------------|----------|
| Analyte | | Qualifier | RL | MDL | | D | Prepared | Analyzed | Dil Fac |
| Benzene | 19.7 | | 0.0990 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 05:11 | 50 |
| Toluene | 147 | | 1.00 | | mg/Kg | | 01/17/25 09:23 | 01/17/25 14:57 | 500 |
| Ethylbenzene | 59.3 | | 0.401 | | mg/Kg | | 01/17/25 09:23 | 01/17/25 14:30 | 200 |
| m-Xylene & p-Xylene | 90.5 | | 0.802 | | mg/Kg | | 01/17/25 09:23 | 01/17/25 14:30 | 200 |
| o-Xylene | 34.9 | | 0.401 | | mg/Kg | | 01/17/25 09:23 | 01/17/25 14:30 | 200 |
| Xylenes, Total | 125 | | 0.802 | | mg/Kg | | 01/17/25 09:23 | 01/17/25 14:30 | 200 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
| 4-Bromofluorobenzene (Surr) | 442 | S1+ | 70 - 130 | | | | 01/15/25 09:58 | 01/16/25 05:11 | 50 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | | | | 01/15/25 09:58 | 01/16/25 05:11 | 50 |
| Method: TAL SOP Total BTEX - Tot | al BTEX Calo | culation | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Total BTEX | 351 | | 0.802 | | mg/Kg | | | 01/17/25 14:57 | |
| Method: SW846 8015 NM - Diesel F | Range Organ | ics (DRO) (| GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Total TPH | 3590 | | 49.8 | | mg/Kg | | | 01/17/25 10:57 | |
| Method: SW846 8015B NM - Diesel | Range Orga | nics (DRO) | (GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Gasoline Range Organics (GRO)-C6-C10 | 1920 | | 49.8 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 10:57 | |
| Diesel Range Organics (Over | 1670 | | 49.8 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 10:57 | |
| C10-C28) Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 10:57 | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
| 1-Chlorooctane | | Quaimer | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 10:57 | |
| o-Terphenyl | 104 110 | | 70 - 130 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 10:57 | |
| Method: EPA 300.0 - Anions, Ion C | bromatogran | hy - Solubi | • | | | | | | |
| Analyte | | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Chloride | 111 | | 10.0 | | mg/Kg | | | 01/15/25 20:53 | |
| lient Sample ID: S-2 (0-1') | | | | | | | Lab Sam | ple ID: 880-5 | 3220-2 |
| ate Collected: 01/14/25 00:00 | | | | | | | | Matri | x: Solio |
| ate Received: 01/15/25 09:25 | | | | | | | | | |
| Method: SW846 8021B - Volatile Or | ganic Comp | ounds (GC) |) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Benzene | 0.103 | | 0.100 | | mg/Kg | _ | 01/15/25 09:58 | 01/16/25 05:32 | 5 |
| Toluene | 1.01 | | 0.100 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 05:32 | 5 |
| Ethylbenzene | 0.544 | | 0.100 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 05:32 | 5 |
| m-Xylene & p-Xylene | 0.784 | | 0.201 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 05:32 | 5 |
| p-Xylene | 13.3 | | 0.100 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 05:32 | 5 |
| Kylenes, Total | 14.1 | | 0.201 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 05:32 | 5 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
| | | | | | | | | | - |
| 4-Bromofluorobenzene (Surr) | 115 | | 70 - 130 | | | | 01/15/25 09:58 | 01/16/25 05:32 | 50 |

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Matrix: Solid

Client Sample Results

Job ID: 880-53220-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-53220-2

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

Project/Site: Ling Federal #3 Battery

Date Collected: 01/14/25 00:00 Date Received: 01/15/25 09:25

Client: Carmona Resources

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|---------------|-------------|----------|-----|-------|---|----------------|----------------|---------|
| Total BTEX | 15.7 | | 0.201 | | mg/Kg | | | 01/16/25 05:32 | 1 |
| Method: SW846 8015 NM - Diese | I Range Organ | ics (DRO) (| GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | 49.8 | | 49.7 | | mg/Kg | | | 01/17/25 11:13 | 1 |
| Method: SW846 8015B NM - Dies | el Range Orga | nics (DRO) | (GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <49.7 | U | 49.7 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 11:13 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | 49.8 | | 49.7 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 11:13 | 1 |
| C10-C28) | | | | | | | | | |
| Oil Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 11:13 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 80 | | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 11:13 | 1 |
| o-Terphenyl | 73 | | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 11:13 | 1 |
| Method: EPA 300.0 - Anions, Ion | Chromotogram | by Solub | | | | | | | |
| Analyte | | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | | Quaimer | 10.0 | | mg/Kg | | riepaieu | 01/15/25 20:59 | |

Method: 8021B - Volatile Organic Compounds (GC) Matrix: Solid

| | | BFB1 | DFBZ1 | Percent Surrogate Recovery (Acceptance Limits) | |
|-------------------------|------------------------|----------|----------|--|---|
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | | 5 |
| 880-53210-A-11-A MS | Matrix Spike | 116 | 100 | | |
| 880-53210-A-11-B MSD | Matrix Spike Duplicate | 121 | 100 | | 6 |
| 880-53220-1 | S-1 (0-1') | 442 S1+ | 100 | | |
| 880-53220-2 | S-2 (0-1') | 115 | 85 | | |
| 880-53343-A-1-A MS | Matrix Spike | 97 | 98 | | |
| 880-53343-A-1-B MSD | Matrix Spike Duplicate | 94 | 104 | | 8 |
| LCS 880-100301/1-A | Lab Control Sample | 118 | 100 | | |
| LCS 880-100498/1-A | Lab Control Sample | 93 | 98 | | G |
| LCSD 880-100301/2-A | Lab Control Sample Dup | 121 | 101 | | č |
| LCSD 880-100498/2-A | Lab Control Sample Dup | 87 | 95 | | |
| MB 880-100289/5-A | Method Blank | 117 | 98 | | |
| MB 880-100301/5-A | Method Blank | 120 | 98 | | |
| MB 880-100498/5-A | Method Blank | 90 | 89 | | |
| Surrogate Legend | | | | | |
| BFB = 4-Bromofluorober | nzene (Surr) | | | | |
| DFBZ = 1,4-Difluorobenz | zene (Surr) | | | | |

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

| - | | | |
|---------------------|------------------------|----------|----------|
| | | 1CO1 | OTPH1 |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) |
| 880-53219-A-1-B MS | Matrix Spike | 83 | 84 |
| 880-53219-A-1-C MSD | Matrix Spike Duplicate | 84 | 83 |
| 880-53220-1 | S-1 (0-1') | 104 | 110 |
| 880-53220-2 | S-2 (0-1') | 80 | 73 |
| LCS 880-100310/2-A | Lab Control Sample | 77 | 78 |
| LCSD 880-100310/3-A | Lab Control Sample Dup | 105 | 88 |
| MB 880-100310/1-A | Method Blank | 112 | 109 |

1CO = 1-Chlorooctane

Job ID: 880-53220-1 SDG: Lea County, New Mexico

Prep Type: Total/NA

Prep Type: Total/NA

Method: 8021B - Volatile Organic Compounds (GC)

| Lab Sample ID: MB 880-1002 Matrix: Solid | | | | | | | | | | mple ID: Meth Prep Type: | |
|---|-------------|--------------|--------------------|----------------|------|----------|-------|-------|------------------|-----------------------------|-----------------------|
| Analysis Batch: 100283 | | | | | | | | | | | |
| Analysis Batch. 100203 | м | в мв | | | | | | | | Prep Batc | 1. 10020 |
| Analyte | Resu | | RL | | мпі | Unit | D | F | repared | Analyzed | Dil Fa |
| Benzene | <0.0020 | | 0.00200 | | | mg/Kg | | | 15/25 08:27 | 01/15/25 11:27 | |
| Toluene | <0.0020 | | 0.00200 | | | mg/Kg | | | 15/25 08:27 | 01/15/25 11:27 | |
| Ethylbenzene | <0.0020 | | 0.00200 | | | mg/Kg | | | 15/25 08:27 | 01/15/25 11:27 | |
| m-Xylene & p-Xylene | <0.0020 | | 0.00400 | | | mg/Kg | | | 15/25 08:27 | 01/15/25 11:27 | |
| o-Xylene | <0.0040 | | 0.00200 | | | mg/Kg | | | 15/25 08:27 | 01/15/25 11:27 | |
| - | | | | | | | | | 15/25 08:27 | | |
| Xylenes, Total | <0.0040 | 0 0 | 0.00400 | | | mg/Kg | | 01/ | 15/25 06.21 | 01/15/25 11:27 | |
| | м | B MB | | | | | | | | | |
| Surrogate | %Recover | y Qualifier | · Limits | | | | | F | Prepared | Analyzed | Dil Fa |
| 4-Bromofluorobenzene (Surr) | 11 | 7 | 70 - 130 | | | | | 01/ | 15/25 08:27 | 01/15/25 11:27 | |
| 1,4-Difluorobenzene (Surr) | ç | 8 | 70 - 130 | | | | | 01/1 | 15/25 08:27 | 01/15/25 11:27 | |
| | | | | | | | | | | | |
| Lab Sample ID: MB 880-1003 | 01/5-A | | | | | | | | Client Sa | mple ID: Meth | od Blani |
| Matrix: Solid | | | | | | | | | | Prep Type: | Total/N/ |
| Analysis Batch: 100283 | | | | | | | | | | Prep Batc | h: 10030 [,] |
| - | М | в мв | | | | | | | | | |
| Analyte | Resu | It Qualifier | RL | | MDL | Unit | D | F | repared | Analyzed | Dil Fa |
| Benzene | <0.0020 | 0 U | 0.00200 | | | mg/Kg | | 01/1 | 5/25 09:58 | 01/15/25 22:24 | |
| Toluene | <0.0020 | 0 U | 0.00200 | | | mg/Kg | | 01/1 | 15/25 09:58 | 01/15/25 22:24 | |
| Ethylbenzene | <0.0020 | | 0.00200 | | | mg/Kg | | 01/1 | 15/25 09:58 | 01/15/25 22:24 | |
| m-Xylene & p-Xylene | <0.0040 | 0 U | 0.00400 | | | mg/Kg | | 01/1 | 15/25 09:58 | 01/15/25 22:24 | |
| o-Xylene | <0.0020 | | 0.00200 | | | mg/Kg | | | 15/25 09:58 | 01/15/25 22:24 | |
| Xylenes, Total | <0.0040 | | 0.00400 | | | mg/Kg | | | 15/25 09:58 | 01/15/25 22:24 | |
| | 0.0010 | | 0.00100 | | | | | 0.7 | 0,20 00.00 | 01/10/20 22:21 | |
| | M | B MB | | | | | | | | | |
| Surrogate | %Recover | y Qualifier | Limits | | | | | F | Prepared | Analyzed | Dil Fa |
| 4-Bromofluorobenzene (Surr) | 12 | 0 | 70 - 130 | | | | | 01/1 | 15/25 09:58 | 01/15/25 22:24 | |
| 1,4-Difluorobenzene (Surr) | g | 8 | 70 - 130 | | | | | 01/1 | 15/25 09:58 | 01/15/25 22:24 | |
| - | | | | | | | | | | | |
| Lab Sample ID: LCS 880-100 | 301/1-A | | | | | | (| Clien | t Sample | D: Lab Contro | |
| Matrix: Solid | | | | | | | | | | Prep Type: | |
| Analysis Batch: 100283 | | | | | | | | | | Prep Batc | h: 10030 [,] |
| | | | Spike | LCS | | | | | | %Rec | |
| Analyte | | | Added | Result | Qua | | - | D | %Rec | Limits | |
| Benzene | | | 0.100 | 0.1129 | | mg | | | 113 | 70 - 130 | |
| Toluene | | | 0.100 | 0.1113 | | mg | /Kg | | 111 | 70 - 130 | |
| Ethylbenzene | | | 0.100 | 0.1094 | | mg | /Kg | | 109 | 70 - 130 | |
| m-Xylene & p-Xylene | | | 0.200 | 0.2236 | | mg | /Kg | | 112 | 70 - 130 | |
| o-Xylene | | | 0.100 | 0.1152 | | mg | /Kg | | 115 | 70 - 130 | |
| | | | | | | | | | | | |
| 0 | LCS LC | | 1 | | | | | | | | |
| Surrogate | %Recovery Q | lailfier | Limits 70 - 130 | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | | | | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | | | | | | | | |
| Lab Sample ID: LCSD 880-10 | 0301/2-4 | | | | | | Clien | t Can | | ab Control Sa | nnio Dur |
| Matrix: Solid | 0301/2-A | | | | | | Chen | t Jan | ipie iD: Li | | |
| | | | | | | | | | | Prep Type: | |
| | | | | | | | | | | Prep Batc | n: 10030' |
| Analysis Batch: 100283 | | | 0 | 1.000 | 1.00 | _ | | | | 0/ Dec | |
| Analyte | | | Spike Added | LCSD Result | | | | D | %Rec | %Rec Limits R | RPI PD Limi |

Job ID: 880-53220-1

SDG: Lea County, New Mexico

Eurofins Midland

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Job ID: 880-53220-1 SDG: Lea County, New Mexico

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

| Lab Sample ID: LCSD 880-1 | 00301/2-A | | | | | Clier | nt Sam | ple ID: I | Lab Contro | | |
|-----------------------------|------------|-----------|----------|--------|-----------|-------|---------|-----------|--------------|----------------------|---------|
| Matrix: Solid | | | | | | | | | Prep 1 | Type: To | tal/NA |
| Analysis Batch: 100283 | | | | | | | | | Prep I | Batch: 1 | 00301 |
| | | | Spike | LCSD | LCSD | | | | %Rec | | RPD |
| Analyte | | | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limi |
| Toluene | | | 0.100 | 0.1124 | | mg/Kg | | 112 | 70 - 130 | 1 | 35 |
| Ethylbenzene | | | 0.100 | 0.1107 | | mg/Kg | | 111 | 70 - 130 | 1 | 35 |
| m-Xylene & p-Xylene | | | 0.200 | 0.2262 | | mg/Kg | | 113 | 70 - 130 | 1 | 35 |
| o-Xylene | | | 0.100 | 0.1163 | | mg/Kg | | 116 | 70 - 130 | 1 | 35 |
| | LCSD | LCSD | | | | | | | | | |
| Surrogate | %Recovery | | Limits | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | | | 70 - 130 | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 - 130 | | | | | | | | |
| Lab Sample ID: 880-53210-A | | | | | | | | Client | Sample ID | • Motrix | Spike |
| Matrix: Solid | A-11-A WIS | | | | | | | Client | | . Matrix Type: To | |
| Analysis Batch: 100283 | | | | | | | | | | Batch: 1 | |
| Analysis Batch. 100205 | Sample | Sample | Spike | MS | MS | | | | %Rec | Saten. I | 00301 |
| Analyte | • | Qualifier | Added | | Qualifier | Unit | D | %Rec | Limits | | |
| Benzene | <0.00199 | | 0.0992 | 0.1080 | quamer | mg/Kg | | 109 | 70 - 130 | | |
| Toluene | < 0.00199 | | 0.0992 | 0.1057 | | mg/Kg | | 105 | 70 - 130 | | |
| Ethylbenzene | < 0.00199 | | 0.0992 | 0.1033 | | mg/Kg | | 104 | 70 - 130 | | |
| m-Xylene & p-Xylene | < 0.00398 | | 0.198 | 0.2086 | | mg/Kg | | 105 | 70 - 130 | | |
| o-Xylene | <0.00199 | | 0.0992 | 0.1069 | | mg/Kg | | 108 | 70 - 130 | | |
| | MS | MS | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | | | 70 - 130 | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | | | | | | | | |
| Lab Sample ID: 880-53210-A | A-11-B MSD | | | | | CI | ient Sa | mole IC |): Matrix Sp | nike Dur | olicate |
| Matrix: Solid | | | | | | 01 | | | | Type: To | |
| Analysis Batch: 100283 | | | | | | | | | | Batch: 1 | |
| Analysis Batom 100200 | Sample | Sample | Spike | MSD | MSD | | | | %Rec | | RPD |
| Analyte | • | Qualifier | Added | | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| | | | | | | | | | | | |
| Benzene | < 0.00199 | U | 0.100 | 0.1100 | | mg/Kg | | 110 | 70 - 130 | 2 | 35 |

| Benzene | <0.00199 | U | 0.100 | 0.1100 | mg/Kg | 110 | 70 - 130 | 2 |
|---------------------|----------|-----|-------|--------|-------|-----|----------|---|
| Toluene | <0.00199 | U | 0.100 | 0.1078 | mg/Kg | 107 | 70 - 130 | 2 |
| Ethylbenzene | <0.00199 | U | 0.100 | 0.1055 | mg/Kg | 105 | 70 - 130 | 2 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.201 | 0.2131 | mg/Kg | 106 | 70 - 130 | 2 |
| o-Xylene | <0.00199 | U | 0.100 | 0.1092 | mg/Kg | 109 | 70 - 130 | 2 |
| | MSD | MSD | | | | | | |

| Surrogate | %Recovery Qu | ualifier Limits |
|-----------------------------|--------------|-----------------|
| 4-Bromofluorobenzene (Surr) | 121 | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 100 | 70 - 130 |

Lab Sample ID: MB 880-100498/5-A Matrix: Solid

Analysis Batch: 100506 MB MB Analyte Result Qualifier RL MDL Unit D Prepared Benzene <0.00200 U 0.00200 01/17/25 09:23 mg/Kg Toluene <0.00200 U 0.00200 mg/Kg 01/17/25 09:23 Ethylbenzene <0.00200 U 0.00200 mg/Kg 01/17/25 09:23 m-Xylene & p-Xylene <0.00400 U 0.00400 01/17/25 09:23 mg/Kg

35 35 35

Client Sample ID: Method Blank Prep Type: Total/NA Prep Batch: 100498

Analyzed

01/17/25 13:11

01/17/25 13:11

01/17/25 13:11

01/17/25 13:11 1

Dil Fac

1

1

1

Eurofins Midland

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Job ID: 880-53220-1 SDG: Lea County, New Mexico

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

| Lab Sample ID: MB 880-10049 Matrix: Solid | 18/5-A | | | | | | | | | Client Sa | mple ID: Metho Prep Type: ⁻ | |
|---|-----------|-----------|---|---|-----|-------|----------------------------------|---|----------|----------------------|--|---------|
| Analysis Batch: 100506 | | | | | | | | | | | Prep Batch | |
| | MB | MB | | | | | | | | | | |
| Analyte | Result | Qualifier | RL | - | MDL | Unit | | D | P | repared | Analyzed | Dil Fac |
| o-Xylene | <0.00200 | U | 0.00200 |) | | mg/K | 3 | _ | 01/1 | 7/25 09:23 | 01/17/25 13:11 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 |) | | mg/K | 9 | | 01/1 | 7/25 09:23 | 01/17/25 13:11 | 1 |
| | МВ | МВ | | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | P | repared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 90 | | 70 _ 130 | - | | | | | 01/1 | 7/25 09:23 | 01/17/25 13:11 | 1 |
| 1,4-Difluorobenzene (Surr) | 89 | | 70 - 130 | | | | | | 01/1 | 7/25 09:23 | 01/17/25 13:11 | 1 |
| Matrix: Solid Analysis Batch: 100506 | | | 0-11- | LCS | LCS | | | | | | Prep Type: Prep Batch: | |
| Amelia | | | Spike | LCS | | | | | | | 0/ D | |
| | | | • | | | ifior | Unit | | Б | % Pac | %Rec | |
| | | | Added | Result | | ifier | Unit | | <u>D</u> | %Rec | Limits | |
| Benzene | | | Added | Result 0.08975 | | ifier | mg/Kg | | <u>D</u> | 90 | Limits | |
| Benzene Toluene | | | Added 0.100 0.100 | Result 0.08975 0.08665 | | ifier | mg/Kg mg/Kg | | <u>D</u> | 90 87 | Limits 70 - 130 70 - 130 | |
| Toluene Ethylbenzene | | | Added 0.100 0.100 0.100 0.100 | Result 0.08975 0.08665 0.08538 | | ifier | mg/Kg mg/Kg mg/Kg | | <u>D</u> | 90 87 85 | Limits 70 - 130 70 - 130 70 - 130 | |
| Benzene Toluene | | | Added 0.100 0.100 | Result 0.08975 0.08665 | | ifier | mg/Kg mg/Kg | | <u>D</u> | 90 87 | Limits 70 - 130 70 - 130 | |
| Benzene Toluene Ethylbenzene m-Xylene & p-Xylene | LCS LCS | | Added 0.100 0.100 0.100 0.200 | Result 0.08975 0.08665 0.08538 0.1789 | | ifier | mg/Kg mg/Kg mg/Kg mg/Kg | | <u>D</u> | 90 87 85 89 | Limits 70 - 130 70 - 130 70 - 130 70 - 130 | |

| 1,4-Difluorobenzene (Surr) | 98 |
|---|----|
| _ Lab Sample ID: LCSD 880-100498/2-A | |

ab Sample I 880-100498/2-A Matrix: Solid

Analysis Batch: 100506

4-Bromofluorobenzene (Surr)

Prep Batch: 100498 LCSD LCSD Spike RPD %Rec Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 83 35 Benzene 0.100 0.08299 mg/Kg 70 - 130 8 Toluene 0.100 0.08070 mg/Kg 81 70 - 130 7 Ethylbenzene 0.100 0.07780 mg/Kg 78 70 - 130 9 m-Xylene & p-Xylene 0.200 0.1611 mg/Kg 81 70 - 130 10 o-Xylene 0.100 0.08226 mg/Kg 82 70 - 130 10

70 - 130

70 - 130

| | LCSD | LCSD | |
|-----------------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene (Surr) | 87 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 95 | | 70 - 130 |

93

Lab Sample ID: 880-53343-A-1-A MS Matrix: Solid

| Analysis Batch: 100506 | | | | | | | | | Prep B | atch: 100498 |
|------------------------|----------|-----------|--------|---------|-----------|-------|---|------|----------|--------------|
| | Sample | Sample | Spike | MS | MS | | | | %Rec | |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Benzene | <0.00199 | U | 0.0996 | 0.07700 | | mg/Kg | | 77 | 70 - 130 | |
| Toluene | <0.00199 | U | 0.0996 | 0.07282 | | mg/Kg | | 73 | 70 - 130 | |
| Ethylbenzene | <0.00199 | U | 0.0996 | 0.07264 | | mg/Kg | | 73 | 70 - 130 | |
| m-Xylene & p-Xylene | <0.00398 | U | 0.199 | 0.1515 | | mg/Kg | | 76 | 70 - 130 | |
| o-Xylene | <0.00199 | U | 0.0996 | 0.07911 | | mg/Kg | | 79 | 70 - 130 | |

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Prep Type: Total/NA

Client Sample ID: Lab Control Sample Dup

35 35 35 35

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

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

Lab Sample ID: 880-53343-A-1-A MS

Matrix: Solid Analysis Batch: 100506

| | MS | MS | |
|-----------------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene (Surr) | 97 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 |

Lab Sample ID: 880-53343-A-1-B MSD Matrix: Solid

Analysis Batch: 100506

| Analysis Batch: 100506 | | | | | | | | | Prep I | Batch: 1 | 00498 |
|-----------------------------|-----------|-----------|----------|---------|-----------|-------|---|------|----------|----------|-------|
| | Sample | Sample | Spike | MSD | MSD | | | | %Rec | | RPD |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Benzene | < 0.00199 | U | 0.101 | 0.08399 | | mg/Kg | | 83 | 70 - 130 | 9 | 35 |
| Toluene | <0.00199 | U | 0.101 | 0.07690 | | mg/Kg | | 76 | 70 - 130 | 5 | 35 |
| Ethylbenzene | <0.00199 | U | 0.101 | 0.07674 | | mg/Kg | | 76 | 70 - 130 | 5 | 35 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.202 | 0.1590 | | mg/Kg | | 79 | 70 - 130 | 5 | 35 |
| o-Xylene | <0.00199 | U | 0.101 | 0.08275 | | mg/Kg | | 82 | 70 - 130 | 4 | 35 |
| | MSD | MSD | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 94 | | 70 - 130 | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 104 | | 70 - 130 | | | | | | | | |

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

| Lab Sample ID: MB 880-100310/1-A | | | | | | | | | C | lient Sa | mple ID: Metho | d Blank |
|--|-----------|-----------|----------|--------|------|-------|-------|-------|-------|----------|-----------------|----------|
| Matrix: Solid | | | | | | | | | | | Prep Type: 1 | Total/NA |
| Analysis Batch: 100509 | | | | | | | | | | | Prep Batch: | 100310 |
| | MB | MB | | | | | | | | | | |
| Analyte | Result | Qualifier | RL | | MDL | Unit | | D | Prep | pared | Analyzed | Dil Fac |
| Gasoline Range Organics | <50.0 | U | 50.0 | | | mg/Kg | 3 | 01 | /15/2 | 25 10:28 | 01/17/25 04:57 | 1 |
| (GRO)-C6-C10 | | | | | | | | | | | | |
| Diesel Range Organics (Over | <50.0 | U | 50.0 | | | mg/Kg | 9 | 01 | /15/2 | 25 10:28 | 01/17/25 04:57 | 1 |
| C10-C28) | | | | | | | | | | | | |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | | mg/Kg | 9 | 01 | /15/2 | 25 10:28 | 01/17/25 04:57 | 1 |
| | МВ | MB | | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | Prep | oared | Analyzed | Dil Fac |
| 1-Chlorooctane | 112 | | 70 - 130 | | | | | 01 | /15/2 | 25 10:28 | 01/17/25 04:57 | 1 |
| o-Terphenyl | 109 | | 70 - 130 | | | | | 01 | /15/2 | 25 10:28 | 01/17/25 04:57 | 1 |
| - Lab Sample ID: LCS 880-100310/2-A | | | | | | | | Clier | nt S | ample I | ID: Lab Control | Sample |
| Matrix: Solid | | | | | | | | | | | Prep Type: | |
| Analysis Batch: 100509 | | | | | | | | | | | Prep Batch: | |
| · ·····, · · · · · · · · · · · · · · · | | | Spike | LCS | LCS | | | | | | %Rec | |
| Analyte | | | Added | Result | Qual | ifier | Unit | D | 9 | %Rec | Limits | |
| Gasoline Range Organics | | | 1000 | 833.8 | | | mg/Kg | | | 83 | 70 - 130 | |
| (GRO)-C6-C10 | | | | | | | | | | | | |

| | LCS | LCS | |
|----------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1-Chlorooctane | 77 | | 70 - 130 |
| o-Terphenyl | 78 | | 70 - 130 |

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Job ID: 880-53220-1 SDG: Lea County, New Mexico

Client Sample ID: Matrix Spike

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA Prep Batch: 100498

Prep Type: Total/NA

Diesel Range Organics (Over

C10-C28)

1000

775.7

mg/Kg

78

70 - 130

_

Job ID: 880-53220-1 SDG: Lea County, New Mexico

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

| Lab Sample ID: LCSD 880-1 | 00310/3-A | | | | | Clier | nt Sam | ple ID: | Lab Contro | ol Sampl | e Dup |
|--------------------------------------|-----------|-----------|----------|--------|-----------|-------|---------|----------|-------------|----------|---------|
| Matrix: Solid | | | | | | | | | Prep 1 | Гуре: То | tal/NA |
| Analysis Batch: 100509 | | | | | | | | | Prep | Batch: 1 | 00310 |
| - | | | Spike | LCSD | LCSD | | | | %Rec | | RPD |
| Analyte | | | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Gasoline Range Organics | | | 1000 | 894.7 | | mg/Kg | | 89 | 70 - 130 | 7 | 20 |
| (GRO)-C6-C10 | | | | | | | | | | | |
| Diesel Range Organics (Over | | | 1000 | 791.7 | | mg/Kg | | 79 | 70 - 130 | 2 | 20 |
| C10-C28) | | | | | | | | | | | |
| | LCSD | LCSD | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 105 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 88 | | 70 - 130 | | | | | | | | |
| Lab Sample ID: 880-53219-4 | A-1-B MS | | | | | | | Client | Sample ID | : Matrix | Spike |
| Matrix: Solid | | | | | | | | | | Гуре: То | |
| Analysis Batch: 100509 | | | | | | | | | | Batch: 1 | |
| , | Sample | Sample | Spike | MS | MS | | | | %Rec | | |
| Analyte | | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | | |
| Gasoline Range Organics | <49.9 | | 995 | 665.6 | | mg/Kg | | 67 | 70 - 130 | | |
| (GRO)-C6-C10 | | | | | | 5. 5 | | | | | |
| Diesel Range Organics (Over | <49.9 | U F1 | 995 | 687.4 | F1 | mg/Kg | | 69 | 70 - 130 | | |
| C10-C28) | | | | | | | | | | | |
| | MS | MS | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 83 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 84 | | 70 - 130 | | | | | | | | |
| Lab Sample ID: 880-53219-4 | A-1-C MSD | | | | | CI | ient Sa | ample IE |): Matrix S | pike Dup | olicate |
| Matrix: Solid | | | | | | | | | Prep 1 | Гуре: То | tal/NA |
| Analysis Batch: 100509 | | | | | | | | | Prep | Batch: 1 | 00310 |
| | Sample | Sample | Spike | MSD | MSD | | | | %Rec | | RPD |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Gasoline Range Organics | <49.9 | U F1 | 995 | 660.7 | F1 | mg/Kg | | 66 | 70 - 130 | 1 | 20 |
| (GRO)-C6-C10 | | | | | | | | | | | |
| Diesel Range Organics (Over C10-C28) | <49.9 | U F1 | 995 | 671.3 | F1 | mg/Kg | | 67 | 70 - 130 | 2 | 20 |
| | MSD | MSD | | | | | | | | | |
| Surrogate | %Recovery | | Limits | | | | | | | | |
| 1-Chlorooctane | | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 83 | | 70 - 130 | | | | | | | | |
| | 05 | | 10 - 100 | | | | | | | | |

Method: 300.0 - Anions, Ion Chromatography

| Lab Sample ID: MB 880-100333/1-A Matrix: Solid Analysis Batch: 100346 | | | | | | | Client Sa | ample ID: Metho Prep Type: | |
|---|--------|-----------|------|-----|-------|---|-----------|-------------------------------|---------|
| - | МВ | МВ | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 01/15/25 19:39 | 1 |

Eurofins Midland

Project/Site: Ling Federal #3 Battery

Client: Carmona Resources

Job ID: 880-53220-1 SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

| Lab Sample ID: LCS 880-′ Matrix: Solid | 100333/2-A | | | | | | Client | Sample | ID: Lab Co Prep | ontrol Sa Type: So | |
|---|-------------|-----------|-------|--------|-----------|-------|---------|----------|--------------------|---|---------|
| Analysis Batch: 100346 | | | | | | | | | | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | orabio |
| | | | Spike | LCS | LCS | | | | %Rec | | |
| Analyte | | | Added | Result | Qualifier | Unit | D | %Rec | Limits | | |
| Chloride | | | 250 | 237.7 | | mg/Kg | | 95 | 90 - 110 | | |
| Lab Sample ID: LCSD 880 | -100333/3-A | | | | | Clier | nt Sam | ple ID: | Lab Contro | ol Sampl | e Dup |
| Matrix: Solid | | | | | | | | | Prep | Type: So | oluble |
| Analysis Batch: 100346 | | | | | | | | | | | |
| | | | Spike | LCSD | LCSD | | | | %Rec | | RPD |
| Analyte | | | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Chloride | | | 250 | 238.0 | | mg/Kg | | 95 | 90 - 110 | 0 | 20 |
| - Lab Sample ID: 880-53222 | 2-A-1-D MS | | | | | | | Client | Sample ID | : Matrix | Spike |
| Matrix: Solid | | | | | | | | | Prep | Type: So | oluble |
| Analysis Batch: 100346 | | | | | | | | | | | |
| - | Sample | Sample | Spike | MS | MS | | | | %Rec | | |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | | |
| Chloride | 80.1 | | 250 | 326.8 | | mg/Kg | | 99 | 90 _ 110 | | |
| - Lab Sample ID: 880-53222 | 2-A-1-E MSD | | | | | Cli | ient Sa | ample IC |): Matrix S | oike Dup | olicate |
| Matrix: Solid | | | | | | | | | Prep | Type: S | oluble |
| Analysis Batch: 100346 | | | | | | | | | | | |
| - | Sample | Sample | Spike | MSD | MSD | | | | %Rec | | RPD |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Chloride | 80.1 | | 250 | 325.9 | | mg/Kg | | 98 | 90 - 110 | 0 | 20 |

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Released to Imaging: 6/9/2025 2:53:19 PM

QC Association Summary

Prep Type Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Matrix

Solid

Solid

Solid

Solid

Solid

Solid

Solid

Solid

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Client Sample ID

S-1 (0-1')

S-2 (0-1')

Method Blank

Method Blank

Matrix Spike

Lab Control Sample

Lab Control Sample Dup

Matrix Spike Duplicate

GC VOA

Lab Sample ID

880-53220-1

880-53220-2

MB 880-100289/5-A

MB 880-100301/5-A

LCS 880-100301/1-A

LCSD 880-100301/2-A

880-53210-A-11-A MS

880-53210-A-11-B MSD

Prep Batch: 100289

Analysis Batch: 100283

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Prep Batch

100301

100301

100289

100301

100301

100301

100301

100301

Job ID: 880-53220-1 SDG: Lea County, New Mexico

| 8 | 3 | |
|---|---|--|
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| | | |
| | | |

8021B 8021B 8021B 8021B

Method

8021B

8021B

8021B

8021B

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| MB 880-100289/5-A | Method Blank | Total/NA | Solid | 5035 | |

Prep Batch: 100301

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 880-53220-1 | S-1 (0-1') | Total/NA | Solid | 5035 | |
| 880-53220-2 | S-2 (0-1') | Total/NA | Solid | 5035 | |
| MB 880-100301/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-100301/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-100301/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-53210-A-11-A MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-53210-A-11-B MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

Analysis Batch: 100428

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 880-53220-1 | S-1 (0-1') | Total/NA | Solid | Total BTEX | |
| 880-53220-2 | S-2 (0-1') | Total/NA | Solid | Total BTEX | |

Prep Batch: 100498

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-53220-1 | S-1 (0-1') | Total/NA | Solid | 5035 | |
| MB 880-100498/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-100498/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-100498/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-53343-A-1-A MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-53343-A-1-B MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

Analysis Batch: 100506

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-53220-1 | S-1 (0-1') | Total/NA | Solid | 8021B | 100498 |
| 880-53220-1 | S-1 (0-1') | Total/NA | Solid | 8021B | 100498 |
| MB 880-100498/5-A | Method Blank | Total/NA | Solid | 8021B | 100498 |
| LCS 880-100498/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 100498 |
| LCSD 880-100498/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 100498 |
| 880-53343-A-1-A MS | Matrix Spike | Total/NA | Solid | 8021B | 100498 |
| 880-53343-A-1-B MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 100498 |

QC Association Summary

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Client Sample ID

S-1 (0-1')

S-2 (0-1')

Method Blank

Matrix Spike

Lab Control Sample

Lab Control Sample Dup

Matrix Spike Duplicate

Client Sample ID

S-1 (0-1')

S-2 (0-1')

Method Blank

Matrix Spike

Lab Control Sample

Lab Control Sample Dup

Matrix Spike Duplicate

GC Semi VOA

Lab Sample ID

880-53220-1

880-53220-2

Prep Batch: 100310

MB 880-100310/1-A

LCS 880-100310/2-A

LCSD 880-100310/3-A

880-53219-A-1-B MS

Lab Sample ID

880-53220-1

880-53220-2

MB 880-100310/1-A

LCS 880-100310/2-A

LCSD 880-100310/3-A

880-53219-A-1-B MS

880-53219-A-1-C MSD

Analysis Batch: 100509

Prep Batch

Prep Batch

100310

100310

100310

100310

100310

100310

100310

Job ID: 880-53220-1 SDG: Lea County, New Mexico

Method

8015NM Prep

Method

8015B NM

Matrix

Solid

Solid

Solid

Solid

Solid

Solid

Solid

Matrix

Solid

Solid

Solid

Solid

Solid

Solid

Solid

6 7 8

9 | 0 | 1 | 2 | 3

| 880-53219-A-1-C MSD |
|------------------------|
| Analysis Batch: 100604 |

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 880-53220-1 | S-1 (0-1') | Total/NA | Solid | 8015 NM | |
| 880-53220-2 | S-2 (0-1') | Total/NA | Solid | 8015 NM | |

HPLC/IC

Leach Batch: 100333

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-53220-1 | S-1 (0-1') | Soluble | Solid | DI Leach | |
| 880-53220-2 | S-2 (0-1') | Soluble | Solid | DI Leach | |
| MB 880-100333/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-100333/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-100333/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-53222-A-1-D MS | Matrix Spike | Soluble | Solid | DI Leach | |
| 880-53222-A-1-E MSD | Matrix Spike Duplicate | Soluble | Solid | DI Leach | |

Analysis Batch: 100346

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-53220-1 | S-1 (0-1') | Soluble | Solid | 300.0 | 100333 |
| 880-53220-2 | S-2 (0-1') | Soluble | Solid | 300.0 | 100333 |
| MB 880-100333/1-A | Method Blank | Soluble | Solid | 300.0 | 100333 |
| LCS 880-100333/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 100333 |
| LCSD 880-100333/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 100333 |
| 880-53222-A-1-D MS | Matrix Spike | Soluble | Solid | 300.0 | 100333 |
| 880-53222-A-1-E MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 100333 |

Initial

Amount

5.05 g

5 mL

4.99 q

5 mL

4.99 g

5 mL

10.04 g

1 uL

4.99 g

50 mL

Final

Amount

5 mL

5 mL

5 mL

5 mL

5 mL

5 mL

10 mL

1 uL

50 mL

50 mL

Batch

Number

100301

100283

100498

100506

100498

100506

100428

100604

100310

100509

100333

100346

Dil

50

200

500

1

1

1

1

Factor

Run

Client Sample ID: S-1 (0-1') Date Collected: 01/14/25 00:00 Date Received: 01/15/25 09:25

Prep Type

Total/NA

Soluble

Soluble

Batch

Туре

Prep

Prep

Prep

Analysis

Analysis

Analysis

Analysis

Analysis

Analysis

Analysis

Leach

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

Date Collected: 01/14/25 00:00

Date Received: 01/15/25 09:25

Prep

Batch

Method

5035

8021B

5035

8021B

5035

8021B

Total BTEX

8015NM Prep

8015B NM

DI Leach

300.0

8015 NM

Job ID: 880-53220-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-53220-1 Matrix: Solid

Analyst

MNR

MNR

MNR

EL

EL

MNR

SM

SM

EL

TKC

SI

СН

Lab

EET MID

Prepared

or Analyzed

01/15/25 09:58

01/16/25 05:11

01/17/25 09:23

01/17/25 14:30

01/17/25 09:23

01/17/25 14:57

01/17/25 14:57

01/17/25 10:57

01/15/25 10:28

01/17/25 10:57

01/15/25 12:02

01/15/25 20:53

3 4 5

Lab Sample ID: 880-53220-2

Matrix: Solid

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 100301 | 01/15/25 09:58 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 50 | 5 mL | 5 mL | 100283 | 01/16/25 05:32 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 100428 | 01/16/25 05:32 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 100604 | 01/17/25 11:13 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 100310 | 01/15/25 10:28 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 100509 | 01/17/25 11:13 | ткс | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 100333 | 01/15/25 12:02 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 100346 | 01/15/25 20:59 | СН | EET MID |

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-53220-1 SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

| uthority | Progran | n | Identification Number | Expiration Date |
|---|--------------------------------------|------------------------------|---|------------------------|
| exas | NELAP | | T104704400 | 06-30-25 |
| The following analyte | s are included in this report, but t | the laboratory is not certif | fied by the governing authority. This lis | t may include analytes |
| for which the agency | does not offer certification. | - | , , , , , , | |
| for which the agency Analysis Method | | Matrix | Analyte | |
| for which the agency | does not offer certification. | - | , , , , , , | |

Eurofins Midland

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10

Project/Site: Ling Federal #3 Battery

Client: Carmona Resources

Job ID: 880-53220-1 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

Eurofins Midland

Sample Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-53220-1 SDG: Lea County, New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|------------------|--------|----------------|----------------|
| 880-53220-1 | S-1 (0-1') | Solid | 01/14/25 00:00 | 01/15/25 09:25 |
| 880-53220-2 | S-2 (0-1') | Solid | 01/14/25 00:00 | 01/15/25 09:25 |

Chain of Custody



| | | | | | | | | - | | | | | _ | | _ | | | | | | of1_ | | | | | |
|-------------------|-------------|------------------|-----------------|-----------|--------------|---------------|---------------|---------------|-------------------------------|------------|----------------------------|-----------|--------|-------|---------|----------|-----------|----------|------------|---|--------------------------|---------------|--|--|-----------------|-------|
| Project Manager: | Conner Moe | ehring | | | Bill to: (if | different) | | Gran | t Huck | abay & / | Addison | Guekler | | | | | | - | | Comments | | | | | | |
| ompany Name: | Carmona R | esources | | | Company | y Name: | | Fask | en Oil | and Rar | ich | | | | Progra | am: US | T/PST [| PRP | row | nfields RC | perfund | | | | | |
| ddress: | 310 W Wall | St Ste 500 | | | Address: | | | 6101 | Holida | ay Hill Ro | oad | | | | State | of Proje | ect: | | | | | | | | | |
| ity, State ZIP: | Midland, TX | (79701 | | | City, Stat | te ZIP: | | Midla | and, Te | exas 797 | 07 | | | | Report | ting:Lev | el II 🗌 L | evel III | ⊡s | T/UST RRP | Level IV | | | | | |
| hone: | 432-813-68 | 23 | | Email | Granth | @forl.cor | n & add | isong | @forl. | com | | | | | Delive | rables: | EDD | | ADaF | PT Other: | | | | | | |
| roject Name: | L | ing Federal #3 B | attery | Turr | Around | | | | | | | AN | ALYSIS | REQU | JEST | | | | | Preservati | ve Codes | | | | | |
| roject Number: | | 2622 | | Routine | Rust | n | Pres. Code | | | | | - | | | | | | | | None: NO | DI Water: H ₂ | | | | | |
| roject Location | Le | ea County, New I | Mexico | Due Date: | Star | dard | | | | | | | | | | | | | | | MeOH: Me | | | | | |
| ampler's Name: | | CRM | | | | | | | R0 | | | | | | | | | | | | HNO3: HN | | | | | |
| 0#: | / | | | 1 | | | ś | | ≥ + | | | | | | | | | | | | NaOH: Na | | | | | |
| AMPLE RECE | IPT | Temp Blank: | Yes No | Wet Ice: | Yes | No | eter | m | SR0 | 0.0 | | | | | | | | | | H ₃ PO ₄ : HP | | | | | | |
| eceived Intact: | | (Yes) No | Thermometer I | | Y | 28 | Parameters | 3021 0 + D | BTEX 8021B | I ÷ | 021B 0 + DRC 9 300.0 | | | | | | | | | | 9 | NaHSO4: NABIS | | | | |
| ooler Custody Sea | | es No NA | Correction Fact | | | -1- | Pa | EX | GR | Chloride | | | | | | | | | НОГР | Na ₂ S ₂ O ₃ : NaSO ₃ | | | | | | |
| ample Custody Sea | | es No N/A) | Temperature R | eading: | ~0 | 2.2 | 10.1 | E I | DIEX 9015M (GRO + DRO + MRO) | H 8015M (| SM (| Chic SM (| | SM (| CPT | | | | | | | | | | Zn Acetate+NaOH | ł: Zn |
| otal Containers: | | | Corrected Tem | perature: | - | 2.4 | | | | | | | | | | | | | | | NaOH+Ascorbic A | | | | | |
| Sample Ide | ntification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | | TP | | | | | | | | | | | Sample Co | omments | | | | | |
| S-1 (0 |)-1') | 1/14/2025 | | Х | | G | 1 | X | X | Х | | | | | | | | | \uparrow | | | | | | | |
| S-2 (0 |)-1') | 1/14/2025 | | Х | = | G | 1 | X | Х | Х | | | | | | | | | | | | | | | | |
| | | | | | | | | | - | | | | | _ | | | | _ | - | | | | | | | |
| | | | | | | | | - | | | | | | - | | | | | + | | <u>_</u> | | | | | |
| | | | | | | | | | | | | | | | | | | | + | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | - | - | | | | | | | | | | + | | | | | | | |
| | | | | + | | | | | | | | | + | | | | | + | + | | | | | | | |
| Comments: | | | | | | | | | <u>.</u> | | | | | -l | | | | <u> </u> | | | | | | | | |
| Δ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Relinguished I | oy: (Signature) | | | | | Date/ | Time | | | | | Recei | ived by | r: (Sign | ature) | | | Di | ate/Time | | | | | |
| ALL | | | | | | | | | | | | D | 1 | > | | | , | | | IIK | CI 1 | | | | | |
| TLD | | | | | | | | | | | | 1 | F | | | | | _ | | | -12 | | | | | |

Received by OCD: 3/11/2025 9:56:16 AM



A

Login Sample Receipt Checklist

Client: Carmona Resources

Login Number: 53220 List Number: 1 Creator: Vasquez, Julisa

| 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 | |

N/A

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").

14

Job Number: 880-53220-1

List Source: Eurofins Midland

SDG Number: Lea County, New Mexico

Received by OCD: 3/11/2025 9:56:16 AM



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Carmona Carmona Resources 310 W Wall St Ste 500 Midland, Texas 79701 Generated 1/17/2025 5:43:36 PM

JOB DESCRIPTION

Ling Federal #3 Battery Lea County, New Mexico

JOB NUMBER

880-53221-1

CR 1 Dna ces 1 I St 1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701





Eurofins Midland

Job Notes

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

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

Authorization

AMER

Generated 1/17/2025 5:43:36 PM

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

Eurofins Midland is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

Laboratory Job ID: 880-53221-1 SDG: Lea County, New Mexico

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| | |

Job ID: 880-53221-1 SDG: Lea County, New Mexico

0

LOQ

MCL

MDA

MDC

MDL

MQL NC

ND

NEG

POS

PQL

QC RER

RL

RPD

TEF

TEQ

TNTC

PRES

ML MPN

| Qualifiers | | 3 |
|----------------|---|----|
| GC VOA | | |
| Qualifier | Qualifier Description | |
| S1+ | Surrogate recovery exceeds control limits, high biased. | |
| U | Indicates the analyte was analyzed for but not detected. | 5 |
| GC Semi VOA | | |
| Qualifier | Qualifier Description | 6 |
| F1 | MS and/or MSD recovery exceeds control limits. | |
| U | Indicates the analyte was analyzed for but not detected. | 7 |
| HPLC/IC | | |
| Qualifier | Qualifier Description | 8 |
| U | Indicates the analyte was analyzed for but not detected. | |
| Glossary | | 9 |
| Abbreviation | These commonly used abbreviations may or may not be present in this report. | 10 |
| ¢. | Listed under the "D" column to designate that the result is reported on a dry weight basis | |
| %R | Percent Recovery | 11 |
| CFL | Contains Free Liquid | |
| CFU | Colony Forming Unit | 12 |
| CNF | Contains No Free Liquid | 12 |
| DER | Duplicate Error Ratio (normalized absolute difference) | 12 |
| Dil Fac | Dilution Factor | 13 |
| 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 | 14 |
| DLC | Decision Level Concentration (Radiochemistry) | |
| EDL | Estimated Detection Limit (Dioxin) | |
| LOD | Limit of Detection (DoD/DOE) | |
| | | |

Limit of Quantitation (DoD/DOE)

Method Detection Limit Minimum Level (Dioxin)

Most Probable Number Method Quantitation Limit

Not Calculated

Negative / Absent

Positive / Present

Presumptive Quality Control

Practical Quantitation Limit

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

EPA recommended "Maximum Contaminant Level"

Minimum Detectable Concentration (Radiochemistry)

Not Detected at the reporting limit (or MDL or EDL if shown)

Minimum Detectable Activity (Radiochemistry)

Case Narrative

Client: Carmona Resources Project: Ling Federal #3 Battery

Job ID: 880-53221-1

Job ID: 880-53221-1

Eurofins Midland

Job Narrative 880-53221-1

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

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

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

Receipt

The samples were received on 1/15/2025 9:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (1.5') (880-53221-1) and S-2 (1.5') (880-53221-2).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-2 (1.5') (880-53221-2). 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 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-100310 and analytical batch 880-100509 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

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

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Eurofins Midland

Matrix: Solid

5

Job ID: 880-53221-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-53221-1

Client Sample ID: S-1 (1.5')

Project/Site: Ling Federal #3 Battery

Date Collected: 01/14/25 00:00 Date Received: 01/15/25 09:25

Client: Carmona Resources

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|----------------|--------------|----------|-----|-------|----------|----------------|----------------|----------|
| Benzene | 0.221 | | 0.101 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 05:52 | 50 |
| Toluene | 2.79 | | 0.101 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 05:52 | 50 |
| Ethylbenzene | 1.62 | | 0.101 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 05:52 | 50 |
| m-Xylene & p-Xylene | 2.35 | | 0.202 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 05:52 | 50 |
| o-Xylene | 1.04 | | 0.101 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 05:52 | 50 |
| Xylenes, Total | 3.39 | | 0.202 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 05:52 | 50 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
| 4-Bromofluorobenzene (Surr) | 128 | | 70 - 130 | | | | 01/15/25 09:58 | 01/16/25 05:52 | 5 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | | | | 01/15/25 09:58 | 01/16/25 05:52 | 5 |
| Method: TAL SOP Total BTEX - T | otal BTEX Calo | culation | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Total BTEX | 8.02 | | 0.202 | | mg/Kg | | | 01/16/25 05:52 | |
| Method: SW846 8015 NM - Diese | I Range Organ | ics (DRO) (| GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 01/17/25 11:29 | |
| Method: SW846 8015B NM - Dies | el Range Orga | nics (DRO) | (GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 11:29 | |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 11:29 | |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 11:29 | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
| 1-Chlorooctane | 82 | | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 11:29 | |
| o-Terphenyl | 76 | | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 11:29 | |
| Method: EPA 300.0 - Anions, Ion | Chromatograp | ohy - Solubl | e | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Chloride | 85.9 | | 9.96 | | mg/Kg | | | 01/15/25 21:04 | |
| lient Sample ID: S-2 (1.5') | | | | | | | Lab Sam | ple ID: 880-5 | 3221-2 |
| ate Collected: 01/14/25 00:00 ate Received: 01/15/25 09:25 | | | | | | | | Matri | x: Solie |
| Method: SW846 8021B - Volatile | Organic Comp | ounds (GC) |) | | | | | | |
| Analyte | | Qualifier | RL | MDL | Unit | <u>D</u> | Prepared | Analyzed | Dil Fa |
| Benzene | 0.438 | | 0.0992 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 06:13 | 5 |
| Toluene | 12.7 | | 0.0992 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 06:13 | 5 |
| Ethylbenzene | 9.65 | | 0.0992 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 06:13 | 5 |
| m-Xylene & p-Xylene | 14.1 | | 0.198 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 06:13 | 5 |
| o-Xylene | 5.70 | | 0.0992 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 06:13 | 5 |
| Xylenes, Total | 19.8 | | 0.198 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 06:13 | 5 |
| | | | | | | | | | |

Surrogate

Matrix: Solid

Client Sample Results

Job ID: 880-53221-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-53221-2

Client Sample ID: S-2 (1.5')

Project/Site: Ling Federal #3 Battery

Date Collected: 01/14/25 00:00 Date Received: 01/15/25 09:25

Client: Carmona Resources

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---------------|--------------|----------|-----|-------|---|----------------|----------------|---------|
| otal BTEX | 42.6 | | 0.198 | | mg/Kg | | | 01/16/25 06:13 | 1 |
| Method: SW846 8015 NM - Diese | Range Organ | ics (DRO) (| GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | 766 | | 49.7 | | mg/Kg | | | 01/17/25 11:45 | 1 |
| Method: SW846 8015B NM - Dies | el Range Orga | nics (DRO) | (GC) | | | | | | |
| Analyte | | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics (GRO)-C6-C10 | 287 | | 49.7 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 11:45 | 1 |
| Diesel Range Organics (Over C10-C28) | 479 | | 49.7 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 11:45 | 1 |
| Oil Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 11:45 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 87 | | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 11:45 | 1 |
| p-Terphenyl | 84 | | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 11:45 | 1 |
| Method: EPA 300.0 - Anions, Ion | Chromatograp | ohy - Solubl | e | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 38.6 | | 9.98 | | mg/Kg | | | 01/15/25 21:10 | 1 |

Released to Imaging: 6/9/2025 2:53:19 PM

Prep Type: Total/NA

Page 70 of 254

Job ID: 880-53221-1 SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) Matrix: Solid

| | | | | Percent Surrogate Recovery (Acceptance Limits) |
|----------------------|------------------------|----------|----------|--|
| | | BFB1 | DFBZ1 | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | |
| 880-53210-A-11-A MS | Matrix Spike | 116 | 100 | |
| 880-53210-A-11-B MSD | Matrix Spike Duplicate | 121 | 100 | |
| 880-53221-1 | S-1 (1.5') | 128 | 100 | |
| 880-53221-2 | S-2 (1.5') | 169 S1+ | 100 | |
| LCS 880-100301/1-A | Lab Control Sample | 118 | 100 | |
| LCSD 880-100301/2-A | Lab Control Sample Dup | 121 | 101 | |
| MB 880-100289/5-A | Method Blank | 117 | 98 | |
| MB 880-100301/5-A | Method Blank | 120 | 98 | |

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

| | | 1CO1 | OTPH1 |
|---------------------|------------------------|----------|----------|
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) |
| 880-53219-A-1-B MS | Matrix Spike | 83 | 84 |
| 880-53219-A-1-C MSD | Matrix Spike Duplicate | 84 | 83 |
| 880-53221-1 | S-1 (1.5') | 82 | 76 |
| 880-53221-2 | S-2 (1.5') | 87 | 84 |
| LCS 880-100310/2-A | Lab Control Sample | 77 | 78 |
| LCSD 880-100310/3-A | Lab Control Sample Dup | 105 | 88 |
| MB 880-100310/1-A | Method Blank | 112 | 109 |

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Prep Type: Total/NA

Method: 8021B - Volatile Organic Compounds (GC)

| | | | | | | | | | | | Client Sa | ample ID: Meth | nod | Blank |
|---|------------|---------------------|--------|---------------------------|---------|-----|--------|----------|------|-------|------------------------|----------------------------|-------|---------|
| Matrix: Solid | | | | | | | | | | | | Prep Type | | |
| Analysis Batch: 100283 | | | | | | | | | | | | Prep Batc | | |
| | N | в мв | | | | | | | | | | | | |
| Analyte | Res | ilt Qual | lifier | RL | | MDL | Unit | | D | Р | repared | Analyzed | | Dil Fac |
| Benzene | < 0.002 | 00 U | | 0.00200 | | | mg/Kg | j | _ | 01/1 | 5/25 08:27 | 01/15/25 11:27 | | 1 |
| Toluene | <0.0020 | 0 U | | 0.00200 | | | mg/Kg | J | | 01/1 | 5/25 08:27 | 01/15/25 11:27 | | 1 |
| Ethylbenzene | <0.0020 | 0 U 00 | | 0.00200 | | | mg/Kg | 1 | | 01/1 | 5/25 08:27 | 01/15/25 11:27 | | 1 |
| m-Xylene & p-Xylene | <0.0040 | 0 U | | 0.00400 | | | mg/Kg | , J | | 01/1 | 5/25 08:27 | 01/15/25 11:27 | | 1 |
| o-Xylene | <0.002 | 0 U | | 0.00200 | | | mg/Kg | J | | 01/1 | 5/25 08:27 | 01/15/25 11:27 | | 1 |
| Xylenes, Total | <0.0040 | 0 U | | 0.00400 | | | mg/Kg | J | | 01/1 | 5/25 08:27 | 01/15/25 11:27 | | 1 |
| | | | | | | | | | | | | | | |
| Surrogata | | IB MB | lifior | Limito | | | | | | | roporod | Analyzed | | Dil Ess |
| Surrogate 4-Bromofluorobenzene (Surr) | %Recove | ry Qua 17 | mer | <i>Limits</i> 70 - 130 | | | | | | | Prepared 5/25 08:27 | Analyzed 01/15/25 11:27 | | Dil Fac |
| | | 98 | | 70 - 130 70 - 130 | | | | | | | 5/25 08:27 | 01/15/25 11:27 | | 1 |
| 1,4-Difluorobenzene (Surr) | : | 10 | | 70 - 130 | | | | | | 01/1 | 5/25 06.27 | 01/15/25 11.27 | | 1 |
| Lab Sample ID: MB 880-100301/5-A | | | | | | | | | | | Client Sa | ample ID: Meth | nod | Blank |
| Matrix: Solid | | | | | | | | | | | | Prep Type | | |
| Analysis Batch: 100283 | | | | | | | | | | | | Prep Batc | | |
| | N | B MB | | | | | | | | | | | | |
| Analyte | Res | ilt Qual | lifier | RL | | MDL | Unit | | D | Р | repared | Analyzed | | Dil Fac |
| Benzene | < 0.002 | 00 U | | 0.00200 | | | mg/Kg |] | _ | 01/1 | 5/25 09:58 | 01/15/25 22:24 | | 1 |
| Toluene | <0.002 | 0 U | | 0.00200 | | | mg/Kg | J | | 01/1 | 5/25 09:58 | 01/15/25 22:24 | | 1 |
| Ethylbenzene | <0.002 | 0 U | | 0.00200 | | | mg/Kg | J | | 01/1 | 5/25 09:58 | 01/15/25 22:24 | | 1 |
| m-Xylene & p-Xylene | <0.0040 | 0 U | | 0.00400 | | | mg/Kg | J | | 01/1 | 5/25 09:58 | 01/15/25 22:24 | | 1 |
| o-Xylene | <0.002 | 0 U | | 0.00200 | | | mg/Kg | J | | 01/1 | 5/25 09:58 | 01/15/25 22:24 | | 1 |
| Xylenes, Total | <0.0040 | 0 U | | 0.00400 | | | mg/Kg | J | | 01/1 | 5/25 09:58 | 01/15/25 22:24 | | 1 |
| | | | | | | | | | | | | | | |
| Sumanta | | IB MB | lifian | Lingita | | | | | | - | wanavad | Amelymed | | |
| Surrogate 4-Bromofluorobenzene (Surr) | %Recove | ry Qua 20 | inter | <i>Limits</i> 70 _ 130 | | | | | | | Prepared 5/25 09:58 | Analyzed 01/15/25 22:24 | | Dil Fac |
| 1,4-Difluorobenzene (Surr) | | 20 98 | | 70 - 130 70 - 130 | | | | | | | 15/25 09:58 | 01/15/25 22:24 | | 1 |
| | | <i>,</i> 0 | | 70 - 750 | | | | | | 01/1 | 5/25 09.50 | 01/13/23 22.24 | | , |
| Lab Sample ID: LCS 880-100301/1-A | | | | | | | | | C | lient | t Sample | ID: Lab Contro | ol Sa | ample |
| Matrix: Solid | | | | | | | | | | | | Prep Type | | |
| Analysis Batch: 100283 | | | | | | | | | | | | Prep Batc | | |
| | | | | Spike | LCS | LCS | | | | | | %Rec | | |
| Analyte | | | | Added | Result | Qua | lifier | Unit | | D | %Rec | Limits | | |
| Benzene | | | | 0.100 | 0.1129 | | | mg/Kg | | | 113 | 70 - 130 | | |
| Toluene | | | | 0.100 | 0.1113 | | | mg/Kg | | | 111 | 70 - 130 | | |
| Ethylbenzene | | | | 0.100 | 0.1094 | | | mg/Kg | | | 109 | 70 - 130 | | |
| m-Xylene & p-Xylene | | | | 0.200 | 0.2236 | | | mg/Kg | | | 112 | 70 - 130 | | |
| o-Xylene | | | | 0.100 | 0.1152 | | | mg/Kg | | | 115 | 70 - 130 | | |
| - | | | | | | | | | | | | | | |
| | LCS L | | | | | | | | | | | | | |
| | ecovery Q | ualifier | | Limits | | | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 118 100 | | | 70 - 130 70 - 130 | | | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 100 | | | 70 - 130 | | | | | | | | | | |
| - Lab Sample ID: LCSD 880-100301/2- | Δ | | | | | | | C | iont | San | | ab Control Sa | mnl | |
| Matrix: Solid | ~ | | | | | | | | ent | Gail | ipie iD. L | Prep Type | | |
| Analysis Batch: 100283 | | | | | | | | | | | | Prep Batc | | |
| Analysis Daten. 100203 | | | | Spike | LCSD | 108 | п | | | | | %Rec | | RPD |
| Analyte | | | | Added | Result | | | Unit | | D | %Rec | | PD | Limit |
| | | | | | - count | aud | | | | | | N | · • • | |

2

5

7

Benzene

0.1151

mg/Kg

115

70 - 130

0.100

35

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Job ID: 880-53221-1 SDG: Lea County, New Mexico

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

| Lab Sample ID: LCSD 880-1 | 00301/2-A | | | | | Clier | nt Sam | ple ID: | Lab Contro | I Sampl | e Dup |
|-----------------------------|-----------|-----------|----------|--------|-----------|-------|---------|----------|--------------|----------|---------|
| Matrix: Solid | | | | | | | | | Prep T | ype: To | tal/NA |
| Analysis Batch: 100283 | | | | | | | | | Prep E | Batch: 1 | 00301 |
| | | | Spike | LCSD | LCSD | | | | %Rec | | RPD |
| Analyte | | | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limi |
| Toluene | | | 0.100 | 0.1124 | | mg/Kg | | 112 | 70 - 130 | 1 | 35 |
| Ethylbenzene | | | 0.100 | 0.1107 | | mg/Kg | | 111 | 70 - 130 | 1 | 35 |
| m-Xylene & p-Xylene | | | 0.200 | 0.2262 | | mg/Kg | | 113 | 70 - 130 | 1 | 35 |
| o-Xylene | | | 0.100 | 0.1163 | | mg/Kg | | 116 | 70 - 130 | 1 | 35 |
| | LCSD | LCSD | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 121 | | 70 - 130 | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 _ 130 | | | | | | | | |
| Lab Sample ID: 880-53210-A | A-11-A MS | | | | | | | Client | Sample ID | : Matrix | Spike |
| Matrix: Solid | | | | | | | | | | ype: To | |
| Analysis Batch: 100283 | | | | | | | | | | Batch: 1 | |
| - | Sample | Sample | Spike | MS | MS | | | | %Rec | | |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | | |
| Benzene | < 0.00199 | U | 0.0992 | 0.1080 | | mg/Kg | | 109 | 70 - 130 | | |
| Toluene | <0.00199 | U | 0.0992 | 0.1057 | | mg/Kg | | 107 | 70 - 130 | | |
| Ethylbenzene | <0.00199 | U | 0.0992 | 0.1033 | | mg/Kg | | 104 | 70 - 130 | | |
| m-Xylene & p-Xylene | <0.00398 | U | 0.198 | 0.2086 | | mg/Kg | | 105 | 70 - 130 | | |
| o-Xylene | <0.00199 | U | 0.0992 | 0.1069 | | mg/Kg | | 108 | 70 - 130 | | |
| | MS | MS | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 116 | | 70 - 130 | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | | | | | | | | |
| Lab Sample ID: 880-53210-A | -11-B MSD | | | | | CI | ient Sa | ample IC |): Matrix Sp | oike Dup | olicate |
| Matrix: Solid | | | | | | | | | Prep T | ype: To | tal/NA |
| Analysis Batch: 100283 | | | | | | | | | Prep E | Batch: 1 | 00301 |
| | Sample | Sample | Spike | MSD | MSD | | | | %Rec | | RPD |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limi |
| Benzene | <0.00199 | U | 0.100 | 0.1100 | | mg/Kg | | 110 | 70 - 130 | 2 | 35 |
| Toluene | <0.00199 | U | 0.100 | 0.1078 | | mg/Kg | | 107 | 70 - 130 | 2 | 35 |
| Ethylbenzene | <0.00199 | U | 0.100 | 0.1055 | | mg/Kg | | 105 | 70 - 130 | 2 | 35 |
| | | | | | | | | | | | |

| o-Xylene | <0.00199 | U | 0.100 |
|-----------------------------|-----------|-----------|----------|
| | MSD | MSD | |
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene (Surr) | 121 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 |

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

| Lab Sample ID: MB 880-100310/1-A Matrix: Solid Analysis Batch: 100509 | | | | | | | Client Sa | mple ID: Metho Prep Type: ⁻ Prep Batch | Total/NA |
|---|--------|-----------|------|-----|-------|---|----------------|---|----------|
| | MB | MB | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <50.0 | U | 50.0 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 04:57 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |

0.1092

mg/Kg

109

70 - 130

Eurofins Midland

2

35
Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-53221-1 SDG: Lea County, New Mexico

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

| Lab Sample ID: MB 880-10031 | U/1-A | | | | | | | | | Client Sa | imple ID: | | |
|---|-------------|---------------|----------------|----------------|-----|--------|----------|----------|-------|----------------|----------------|--------|-------------------|
| Matrix: Solid | | | | | | | | | | | | | otal/NA |
| Analysis Batch: 100509 | | | | | | | | | | | Prep I | Batch: | 100310 |
| A maluán | | NB MB | ы | | MDI | 11 | | - | | un un a un a d | Analy | | |
| Analyte | | ult Qualifier | RL 50.0 | | MDL | Unit | ~ | <u>D</u> | | repared | Analyz | | Dil Fac |
| Diesel Range Organics (Over C10-C28) | <50 | 1.0 0 | 50.0 | | | mg/K | y | | 01/1 | 5/25 10:28 | 01/17/25 | 04.37 | |
| Oil Range Organics (Over C28-C36) | <50 |).0 U | 50.0 | | | mg/K | g | | 01/1 | 5/25 10:28 | 01/17/25 | 04:57 | 1 |
| | | | | | | | • | | | | | | |
| | | IB MB | | | | | | | | | | | |
| Surrogate | %Recove | | Limits | | | | | | | repared | Analyz | | Dil Fac |
| 1-Chlorooctane | | 12 | 70 - 130 | | | | | | | 5/25 10:28 | 01/17/25 | | 1 |
| o-Terphenyl | 1 | 09 | 70 - 130 | | | | | | 01/1 | 5/25 10:28 | 01/17/25 | 04:57 | 1 |
| Lab Sample ID: LCS 880-1003 | 10/2-4 | | | | | | | С | liont | Sample | ID: Lab Co | ontrol | Samnle |
| Matrix: Solid | 0/2-7 | | | | | | | Ŭ | nem | oumpie | | | otal/NA |
| Analysis Batch: 100509 | | | | | | | | | | | | | 100310 |
| Analysis Baten. 100000 | | | Spike | LCS | LCS | | | | | | %Rec | Jaton. | 100010 |
| Analyte | | | Added | Result | | | Unit | | D | %Rec | Limits | | |
| Gasoline Range Organics | | | 1000 | 833.8 | | | mg/Kg | | - | 83 | 70 - 130 | | |
| (GRO)-C6-C10 | | | | | | | 55 | | | | | | |
| Diesel Range Organics (Over | | | 1000 | 775.7 | | | mg/Kg | | | 78 | 70 - 130 | | |
| C10-C28) | | | | | | | | | | | | | |
| | LCS L | cs | | | | | | | | | | | |
| Surrogate | %Recovery Q | ualifier | Limits | | | | | | | | | | |
| 1-Chlorooctane | 77 | | 70 - 130 | | | | | | | | | | |
| o-Terphenyl | 78 | | 70 - 130 | | | | | | | | | | |
| Matrix: Solid Analysis Batch: 100509 | | | 0-11 | 1.000 | | | | | | | Prep I | | otal/NA 100310 |
| Analyto | | | Spike Added | LCSD Result | | | Unit | | D | %Rec | %Rec Limits | RPD | RPD Limit |
| Analyte Gasoline Range Organics | | | 1000 | 894.7 | Qua | inter | mg/Kg | | | 89 | 70 - 130 | - 7 | |
| (GRO)-C6-C10 | | | 1000 | 034.7 | | | iiig/itg | | | 05 | 70 - 150 | ' | 20 |
| Diesel Range Organics (Over | | | 1000 | 791.7 | | | mg/Kg | | | 79 | 70 - 130 | 2 | 20 |
| C10-C28) | | | | | | | | | | | | | |
| | LCSD L | CSD | | | | | | | | | | | |
| Surrogate | %Recovery Q | | Limits | | | | | | | | | | |
| 1-Chlorooctane | 105 | · · · · · | 70 - 130 | | | | | | | | | | |
| o-Terphenyl | 88 | | 70 - 130 | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Lab Sample ID: 880-53219-A-1 | -B MS | | | | | | | | | Client S | Sample ID | | |
| Matrix: Solid | | | | | | | | | | | | | otal/NA |
| Analysis Batch: 100509 | | | | | | | | | | | | Batch: | 100310 |
| | Sample S | - | Spike | | MS | | | | | | %Rec | | |
| Analyte | Result Q | | Added | Result | | lifier | Unit | | D | %Rec | Limits | | |
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 U | F1 | 995 | 665.6 | F1 | | mg/Kg | | | 67 | 70 - 130 | | |
| Diesel Range Organics (Over | <49.9 U | F1 | 995 | 687.4 | F1 | | mg/Kg | | | 69 | 70 - 130 | | |
| C10-C28) | | | | | | | 2.0 | | | | | | |
| | MS M | 15 | | | | | | | | | | | |
| Surrogate | | ualifier | Limits | | | | | | | | | | |
| 1-Chlorooctane | | | 70 - 130 | | | | | | | | | | |
| | | | | | | | | | | | | | |

Eurofins Midland

84

o-Terphenyl

70 - 130

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Job ID: 880-53221-1 SDG: Lea County, New Mexico

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

| Matrix: Solid | | | | | | | | | D: Matrix S Prep ⁻ | Туре: То | |
|---|--|---------------------|--|---|-------------------------|---------------|----------|--|--|---|--|
| Analysis Batch: 100509 | | | | | | | | | | Batch: 1 | |
| ·····,···· | Sample | Sample | Spike | MSD | MSD | | | | %Rec | | RPD |
| Analyte | - | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limi |
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U F1 | 995 | 660.7 | F1 | mg/Kg | | 66 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U F1 | 995 | 671.3 | F1 | mg/Kg | | 67 | 70 - 130 | 2 | 2 |
| | MSD | MSD | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 84 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 83 | | 70 - 130 | | | | | | | | |
| lethod: 300.0 - Anions, I Lab Sample ID: MB 880-1003 Matrix: Solid Analysis Batch: 100346 | | ography | | | | | | Client | Sample ID: Prep | Method Type: S | |
| | | MB MB | | | | | | | | | |
| Analyte | | esult Qualifier | | | MDL Unit | | D | Prepared | Analyz | | Dil Fa |
| Chloride | < | :10.0 U | | 10.0 | mg/K | g | | | 01/15/25 | 19:39 | |
| Analysis Batch: 100346 | | | Spike | | LCS | | | | %Rec | Type: S | |
| Auralista | | | | | | | | 0/ D | 1 1 14 | | |
| | | | Added | | Qualifier | Unit | D | %Rec | Limits | | |
| | | | 250 | 237.7 | Quaimer | mg/Kg | <u>D</u> | %Rec 95 | Limits 90 - 110 | | |
| Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid | 00333/3-A | | | | Quaimer | mg/Kg | | 95 | 90 - 110 | ol Sampl Type: S | |
| Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid | 00333/3-A | | | 237.7 | LCSD | mg/Kg | | 95 | 90 - 110 | | olub |
| Analyte Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte | 00333/3-A | | 250 | 237.7 LCSD | | mg/Kg | | 95 | 90 - 110 Lab Contro Prep | | olubl RP |
| Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte |)0333/3-A | | 250 Spike | 237.7 LCSD | LCSD | mg/Kg Clie | ent Sa | 95 mple ID: | 90 - 110 Lab Contro Prep %Rec | Type: S | olub RP Lim |
| Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 | | | 250 Spike Added | 237.7 LCSD Result | LCSD | mg/Kg Clie | ent Sa | 95 mple ID: %Rec 95 | 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 | Type: S | olubl RP Lim 2 Spik |
| Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A Matrix: Solid | -1-D MS | | 250 Spike Added | 237.7 LCSD Result 238.0 | LCSD | mg/Kg Clie | ent Sa | 95 mple ID: %Rec 95 | 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 | Type: S <u>RPD</u> 0 : Matrix | olubl RP Lim 2 Spik |
| Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A Matrix: Solid | -1-D MS Sample | Sample Qualifier | 250 Spike Added 250 | 237.7 LCSD Result 238.0 MS | LCSD Qualifier | mg/Kg Clie | ent Sa | 95 mple ID: %Rec 95 | 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 t Sample ID Prep | Type: S <u>RPD</u> 0 : Matrix | olubl RP Lim 2 Spik |
| Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A Matrix: Solid Analysis Batch: 100346 Analyte | -1-D MS Sample | - | 250 Spike Added 250 Spike | 237.7 LCSD Result 238.0 MS | LCSD Qualifier MS | Unit mg/Kg | D | 95 mple ID: <u>%Rec</u> 95 Client | 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 t Sample ID Prep %Rec | Type: S <u>RPD</u> 0 : Matrix | olub RP Lim 2 Spik |
| Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A Matrix: Solid Analysis Batch: 100346 | -1-D MS Sample Result 80.1 | - | 250 Spike Added 250 Spike Added | 237.7 LCSD Result 238.0 MS Result | LCSD Qualifier MS | Unit mg/Kg | D | 95 mple ID: %Rec 95 Client %Rec 99 | 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 t Sample ID Prep %Rec Limits 90 - 110 C: Matrix S | Type: S <u>RPD</u> 0 : Matrix Type: S | olub RP Lim 2 Spik olub |
| Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A Matrix: Solid Analyte Chloride Lab Sample ID: 880-53222-A Matrix: Solid | -1-D MS Sample <u>Result</u> 80.1 -1-E MSD | - | 250 Spike Added 250 Spike Added | 237.7 LCSD Result 238.0 MS Result 326.8 | LCSD Qualifier MS | Unit mg/Kg | D | 95 mple ID: %Rec 95 Client %Rec 99 | 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 t Sample ID Prep %Rec Limits 90 - 110 C: Matrix S | Type: S <u>RPD</u> 0 : Matrix Type: S pike Dup | olubl RP Lim 2 Spik olubl |

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QC Association Summary

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Matrix

Solid

Solid

Solid

Solid

Solid

Solid

Solid

Solid

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Client Sample ID

S-1 (1.5')

S-2 (1.5')

Method Blank

Method Blank

Matrix Spike

Lab Control Sample

Lab Control Sample Dup

Matrix Spike Duplicate

Prep Batch

100301

100301

100289

100301

100301

100301

100301

100301

Job ID: 880-53221-1 SDG: Lea County, New Mexico

Method

8021B

8021B

8021B

8021B

8021B

8021B

8021B

8021B

8

| | 9 |
|---|---|
| | |
| | |
| | |
| 1 | 3 |
| _ | |

LCSD 880-100301/2-A 880-53210-A-11-A MS

Analysis Batch: 100283

GC VOA

Lab Sample ID

880-53221-1

880-53221-2

MB 880-100289/5-A

MB 880-100301/5-A

LCS 880-100301/1-A

880-53210-A-11-B MSD Prep Batch: 100289

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| MB 880-100289/5-A | Method Blank | Total/NA | Solid | 5035 | |

Prep Batch: 100301

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 880-53221-1 | S-1 (1.5') | Total/NA | Solid | 5035 | |
| 880-53221-2 | S-2 (1.5') | Total/NA | Solid | 5035 | |
| MB 880-100301/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-100301/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-100301/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-53210-A-11-A MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-53210-A-11-B MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

Analysis Batch: 100429

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 880-53221-1 | S-1 (1.5') | Total/NA | Solid | Total BTEX | |
| 880-53221-2 | S-2 (1.5') | Total/NA | Solid | Total BTEX | |

GC Semi VOA

Prep Batch: 100310

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|-------------|------------|
| 880-53221-1 | S-1 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-53221-2 | S-2 (1.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-100310/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-100310/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-100310/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-53219-A-1-B MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-53219-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 100509

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-53221-1 | S-1 (1.5') | Total/NA | Solid | 8015B NM | 100310 |
| 880-53221-2 | S-2 (1.5') | Total/NA | Solid | 8015B NM | 100310 |
| MB 880-100310/1-A | Method Blank | Total/NA | Solid | 8015B NM | 100310 |
| LCS 880-100310/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 100310 |
| LCSD 880-100310/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 100310 |
| 880-53219-A-1-B MS | Matrix Spike | Total/NA | Solid | 8015B NM | 100310 |
| 880-53219-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 100310 |

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5

Job ID: 880-53221-1 SDG: Lea County, New Mexico

GC Semi VOA

Analysis Batch: 100605

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 880-53221-1 | S-1 (1.5') | Total/NA | Solid | 8015 NM | |
| 880-53221-2 | S-2 (1.5') | Total/NA | Solid | 8015 NM | |

HPLC/IC

Leach Batch: 100333

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch | |
|------------------------|------------------------|-----------|--------|----------|------------|----|
| 880-53221-1 | S-1 (1.5') | Soluble | Solid | DI Leach | | 8 |
| 880-53221-2 | S-2 (1.5') | Soluble | Solid | DI Leach | | |
| MB 880-100333/1-A | Method Blank | Soluble | Solid | DI Leach | | Q |
| LCS 880-100333/2-A | Lab Control Sample | Soluble | Solid | DI Leach | | |
| LCSD 880-100333/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | | |
| 880-53222-A-1-D MS | Matrix Spike | Soluble | Solid | DI Leach | | |
| 880-53222-A-1-E MSD | Matrix Spike Duplicate | Soluble | Solid | DI Leach | | |
| Analysis Batch: 100346 | | | | | | |
| | | | | | | |
| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch | |
| 880-53221-1 | S-1 (1.5') | Soluble | Solid | 300.0 | 100333 | |
| 880-53221-2 | S-2 (1.5') | Soluble | Solid | 300.0 | 100333 | 13 |
| MB 880-100333/1-A | Method Blank | Soluble | Solid | 300.0 | 100333 | |

Analysis Batch: 100346

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch | |
|---------------------|------------------------|-----------|--------|--------|------------|--|
| 880-53221-1 | S-1 (1.5') | Soluble | Solid | 300.0 | 100333 | |
| 880-53221-2 | S-2 (1.5') | Soluble | Solid | 300.0 | 100333 | |
| MB 880-100333/1-A | Method Blank | Soluble | Solid | 300.0 | 100333 | |
| LCS 880-100333/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 100333 | |
| LCSD 880-100333/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 100333 | |
| 880-53222-A-1-D MS | Matrix Spike | Soluble | Solid | 300.0 | 100333 | |
| 880-53222-A-1-E MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 100333 | |

Initial

Amount

4.96 g

5 mL

10.04 g

1 uL

5.02 g

50 mL

Final

Amount

5 mL

5 mL

10 mL

1 uL

50 mL

50 mL

Batch

Number

100301

100283

100429

100605

100310

100509

100333

100346

Dil

50

1

1

1

1

Factor

Run

Client Sample ID: S-1 (1.5') Date Collected: 01/14/25 00:00 Date Received: 01/15/25 09:25

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Soluble

Soluble

Batch

Туре

Prep

Analysis

Analysis

Analysis

Analysis

Analysis

Leach

Prep

Batch

Method

5035

8021B

Total BTEX

8015NM Prep

8015B NM

DI Leach

300.0

8015 NM

Job ID: 880-53221-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-53221-1 Matrix: Solid

Analyst

MNR

MNR

SM

SM

EL

TKC

SI

СН

Lab

EET MID

Prepared

or Analyzed

01/15/25 09:58

01/16/25 05:52

01/16/25 05:52

01/17/25 11:29

01/15/25 10:28

01/17/25 11:29

01/15/25 12:02

01/15/25 21:04

Lab Sample ID: 880-53221-2 Matrix: Solid

rix: Solid

Client Sample ID: S-2 (1.5') Date Collected: 01/14/25 00:00 Date Received: 01/15/25 09:25

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Ргер Туре | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.04 g | 5 mL | 100301 | 01/15/25 09:58 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 50 | 5 mL | 5 mL | 100283 | 01/16/25 06:13 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 100429 | 01/16/25 06:13 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 100605 | 01/17/25 11:45 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 100310 | 01/15/25 10:28 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 100509 | 01/17/25 11:45 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 100333 | 01/15/25 12:02 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 100346 | 01/15/25 21:10 | СН | EET MID |

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-53221-1 SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

| uthority | Pro | ogram | Identification Number | Expiration Date |
|--|--|------------------------------------|--|------------------------|
| exas | NE | LAP | T104704400 | 06-30-25 |
| 0, | tes are included in this report, by does not offer certification. | , but the laboratory is not certif | ied by the governing authority. This lis | t may include analytes |
| Analysis Method | Pren Method | Matrix | Analyte | |
| Analysis Method | Prep Method | Matrix | Analyte | |
| Analysis Method 8015 NM Total BTEX | Prep Method | <u>Matrix</u> Solid Solid | Analyte Total TPH Total BTEX | |

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Project/Site: Ling Federal #3 Battery

Client: Carmona Resources

Job ID: 880-53221-1 SDG: Lea County, New Mexico

| Method | Method Description | Protocol | Laborator |
|-------------|------------------------------------|----------|-----------|
| 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

11 12 13

Sample Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-53221-1 SDG: Lea County, New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|------------------|--------|----------------|----------------|
| 880-53221-1 | S-1 (1.5') | Solid | 01/14/25 00:00 | 01/15/25 09:25 |
| 880-53221-2 | S-2 (1.5') | Solid | 01/14/25 00:00 | 01/15/25 09:25 |

Released to Imaging: 6/9/2025 2:53:19 PM

Chain of Custody



Page of 1 1 Work Order Comments Conner Moehring Bill to: (if different) Grant Huckabay & Addison Guekler Project Manager: Carmona Resources Company Name: Fasken Oil and Ranch Program: UST/PST PRP rownfields RC Iperfund Company Name: State of Project: 310 W Wall St Ste 500 6101 Holiday Hill Road Address: Address: Reporting:Level II Level III ST/UST RRP Level IV Midland, TX 79701 City, State ZIP: Midland, Texas 79707 City, State ZIP: Deliverables: EDD ADaPT Other Email: Granth@forl.com & addisong@forl.com 432-813-6823 Phone: ANALYSIS REQUEST Ling Federal #3 Battery **Turn Around Preservative Codes** Project Name: Pres. Routine Rush 2622 None: NO DI Water: H₂O Project Number: Code Lea County, New Mexico Due Date: Standard **Project Location** Cool: Cool MeOH: Me TPH 8015M (GRO + DRO + MRO) CRM HCL: HC Sampler's Name: HNO3: HN PO #: H₂SO₄: H₂ NaOH: Na Parameters R Yes No Chloride 300.0 SAMPLE RECEIPT Temp Blank: Wet Ice: No H₃PO₄: HP **BTEX 8021B** (Yes) HOLD No C Received Intact: Thermometer ID: 2 NaHSO4: NABIS Yes No Correction Factor: Cooler Custody Seals: NA Na2S2O3: NaSO3 No Sample Custody Seals: Yes N/A Temperature Reading: Zn Acetate+NaOH: Zn Corrected Temperature: Total Containers: NaOH+Ascorbic Acid: SAPC Grab/ # of Sample Identification Soil Date Time Water **Sample Comments** Cont Comp S-1 (1.5') 1/14/2025 Х G 1 Х Х Х Х G Х Х Х 1/14/2025 S-2 (1.5') 1 Comments: Relinquished by: (Signature) Date/Time Received by: (Signature) Date/Time 92 ch

Received by OCD: 3/11/2025 9:56:16 AM

14

Job Number: 880-53221-1

List Source: Eurofins Midland

SDG Number: Lea County, New Mexico

Login Sample Receipt Checklist

Client: Carmona Resources

Login Number: 53221 List Number: 1

Creator: Vasquez, Julisa

<6mm (1/4").

| 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 | N/A | |

Received by OCD: 3/11/2025 9:56:16 AM



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Carmona Carmona Resources 310 W Wall St Ste 500 Midland, Texas 79701 Generated 1/20/2025 12:00:59 PM

JOB DESCRIPTION

Ling Federal #3 Battery Lea County, New Mexico

JOB NUMBER

880-53222-1

T 6 T 6 R 10 na es 12 St 13

Eurofins Midland 1211 W. Florida Ave Midland TX 79701





Eurofins Midland

Job Notes

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

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

Authorization

AMER

Generated 1/20/2025 12:00:59 PM

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

Eurofins Midland is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

Laboratory Job ID: 880-53222-1 SDG: Lea County, New Mexico

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| | |

Definitions/Glossary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-53222-1 SDG: Lea County, New Mexico

Qualifiers

| Qualifiers | | 3 |
|-------------------------|---|-----|
| GC VOA | | |
| Qualifier | Qualifier Description Indicates the analyte was analyzed for but not detected. | |
| - | | l l |
| GC Semi VO Qualifier | Qualifier Description | |
| F1 | MS and/or MSD recovery exceeds control limits. | |
| 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 MDC | Minimum Detectable Activity (Radiochemistry) | |
| MDL | Minimum Detectable Concentration (Radiochemistry) 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: Ling Federal #3 Battery

Job ID: 880-53222-1

Job ID: 880-53222-1

Eurofins Midland

Job Narrative 880-53222-1

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

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

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

Receipt

The samples were received on 1/15/2025 9:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (2') (880-53222-1) and S-2 (2') (880-53222-2).

GC VOA

Method 8021B: The following sample was diluted due to the nature of the sample matrix: S-1 (2') (880-53222-1). Elevated reporting limits (RLs) are provided.

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

Diesel Range Organics

Method 8015MOD NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-100310 and analytical batch 880-100509 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

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

Client Sample ID: S-1 (2') Date Collected: 01/14/25 00:00 Date Received: 01/15/25 09:25

| | Job ID: | 880-5 | 53222-1 |
|----------|---------|-------|---------|
| SDG: Lea | County, | New | Mexico |

Lab Sample ID: 880-53222-1 Matrix: Solid

| 1.0 |
|-----|
| |
| |
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| |
| |
| |
| |

Result Qualifier RL MDL Unit D Dil Fac Analyte Prepared Analyzed <0.100 Benzene Ū 0.100 mg/Kg 01/15/25 09:58 01/16/25 06:33 50 0.100 01/16/25 06:33 50 **Toluene** 0.160 mg/Kg 01/15/25 09:58 Ethylbenzene 0.135 0.100 mg/Kg 01/15/25 09:58 01/16/25 06:33 50 0.200 01/15/25 09:58 01/16/25 06:33 50 m-Xylene & p-Xylene mg/Kg 0.216 0.100 mg/Kg 01/15/25 09:58 01/16/25 06:33 50 o-Xylene 2.78 0 200 01/15/25 09:58 01/16/25 06:33 **Xylenes**, Total 3.00 mg/Kg 50 Qualifier %Recovery Limits Analvzed Dil Fac Surrogate Prepared 70 - 130 01/15/25 09:58 01/16/25 06:33 4-Bromofluorobenzene (Surr) 114 50 93 70 - 130 01/15/25 09:58 01/16/25 06:33 1,4-Difluorobenzene (Surr) 50 Method: TAL SOP Total BTEX - Total BTEX Calculation MDL Unit RL Prepared Dil Fac Analyte **Result Qualifier** D Analyzed **Total BTEX** 3.29 0.200 mg/Kg 01/16/25 06:33 1 Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analvte **Result Qualifier** RL MDL Unit D Prepared Analvzed Dil Fac Total TPH <49.8 U 49.8 01/17/25 12:16 mg/Kg Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Analyte **Result Qualifier** RL MDL Unit D Prepared Analyzed Dil Fac Gasoline Range Organics <49.8 U 49.8 01/15/25 10:28 01/17/25 12:16 mg/Kg (GRO)-C6-C10 **Diesel Range Organics (Over** <49.8 U 49.8 mg/Kg 01/15/25 10:28 01/17/25 12:16 1 C10-C28) Oil Range Organics (Over C28-C36) <49.8 U 49.8 mg/Kg 01/15/25 10:28 01/17/25 12:16 1 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 88 70 - 130 01/15/25 10:28 01/17/25 12:16 82 70 - 130 01/15/25 10:28 01/17/25 12:16 o-Terphenyl 1 Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte **Result Qualifier** RL MDL Unit D Prepared Analyzed Dil Fac Chloride 80.1 10.0 mg/Kg 01/15/25 21:16 1 Client Sample ID: S-2 (2') Lab Sample ID: 880-53222-2 Date Collected: 01/14/25 00:00 Matrix: Solid Date Received: 01/15/25 09:25 Method: SW846 8021B - Volatile Organic Compounds (GC) Analyte **Result Qualifier** RL MDL Unit D Dil Fac Prepared Analyzed **Benzene** 0.00530 0.00199 mg/Kg 01/15/25 09:58 01/16/25 04:10 1 Toluene 0.00199 mg/Kg 01/15/25 09:58 01/16/25 04:10 0.0113 1 01/15/25 09:58 01/16/25 04:10 Ethylbenzene 0.00397 0.00199 mg/Kg 1 m-Xylene & p-Xylene 0.00530 0.00398 mg/Kg 01/15/25 09:58 01/16/25 04:10 1 0.00199 mg/Kg 01/15/25 09:58 01/16/25 04:10 o-Xylene 0.00345 1

0.00398 mg/Kg 01/15/25 09:58 01/16/25 04:10 **Xylenes**, Total 0.00875 1 %Recovery Qualifier Limits Dil Fac Surrogate Prepared Analyzed 4-Bromofluorobenzene (Surr) 123 70 - 130 01/15/25 09:58 01/16/25 04:10 1 1,4-Difluorobenzene (Surr) 102 70 - 130 01/15/25 09:58 01/16/25 04:10 1

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Released to Imaging: 6/9/2025 2:53:19 PM

Client Sample Results

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Matrix: Solid

Job ID: 880-53222-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-53222-2

Client Sample ID: S-2 (2') Date Collected: 01/14/25 00:00

Project/Site: Ling Federal #3 Battery

Date Received: 01/15/25 09:25

Client: Carmona Resources

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac | |
|-----------------------------------|--------------|------------|------------|-----|-------|----------|----------------|----------------|---------|---|
| Total BTEX | 0.0293 | | 0.00398 | | mg/Kg | | | 01/16/25 04:10 | 1 | |
| Method: SW846 8015 NM - Die | esel Range (| Organics (| DRO) (GC) | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac | |
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 01/17/25 12:00 | 1 | |
| Method: SW846 8015B NM - D | iesel Range | • Organics | (DRO) (GC) | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac | |
| Gasoline Range Organics | <49.8 | U | 49.8 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 12:00 | 1 | |
| (GRO)-C6-C10 | | | | | | | | | | |
| Diesel Range Organics (Over | <49.8 | U | 49.8 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 12:00 | 1 | |
| C10-C28) | | | | | | | | | | |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 12:00 | 1 | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac | |
| 1-Chlorooctane | 85 | | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 12:00 | 1 | |
| o-Terphenyl | 80 | | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 12:00 | 1 | 2 |
| | | | | | | | | | | |
| Method: EPA 300.0 - Anions, | | | Soluble | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | <u>D</u> | Prepared | Analyzed | Dil Fac | |
| Chloride | 65.6 | | 10.0 | | mg/Kg | | | 01/15/25 21:33 | 1 | |

Surrogate Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Method: 8021B - Volatile Organic Compounds (GC) Matrix: Solid

| | | Pe |
|------------------------|--|---|
| | BFB1 | DFBZ1 |
| Client Sample ID | (70-130) | (70-130) |
| Matrix Spike | 116 | 100 |
| Matrix Spike Duplicate | 121 | 100 |
| S-1 (2') | 114 | 93 |
| S-2 (2') | 123 | 102 |
| Lab Control Sample | 118 | 100 |
| Lab Control Sample Dup | 121 | 101 |
| Method Blank | 117 | 98 |
| Method Blank | 120 | 98 |
| | Matrix Spike Matrix Spike Duplicate S-1 (2') S-2 (2') Lab Control Sample Lab Control Sample Dup Method Blank | Client Sample ID(70-130)Matrix Spike116Matrix Spike Duplicate121S-1 (2')114S-2 (2')123Lab Control Sample118Lab Control Sample Dup121Method Blank117 |

Surrogate Legend BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

| | | | Percei |
|---------------------|------------------------|----------|----------|
| | | 1CO1 | OTPH1 |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) |
| 880-53219-A-1-B MS | Matrix Spike | 83 | 84 |
| 880-53219-A-1-C MSD | Matrix Spike Duplicate | 84 | 83 |
| 880-53222-1 | S-1 (2') | 88 | 82 |
| 880-53222-2 | S-2 (2') | 85 | 80 |
| LCS 880-100310/2-A | Lab Control Sample | 77 | 78 |
| LCSD 880-100310/3-A | Lab Control Sample Dup | 105 | 88 |
| MB 880-100310/1-A | Method Blank | 112 | 109 |

Surrogate Legend

1CO = 1-Chlorooctane OTPH = o-Terphenyl 5 6

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Prep Type: Total/NA

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Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Lab Sample ID: MB 880-100289/5-A

Method: 8021B - Volatile Organic Compounds (GC)

| Matrix: Solid Analysis Batch: 100283 | | | | | | | · · · · | Prep Type: To Prep Batch: | |
|---|-----------|-----------|----------|-----|-------|---|----------------|------------------------------|---------|
| | МВ | МВ | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 01/15/25 08:27 | 01/15/25 11:27 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 01/15/25 08:27 | 01/15/25 11:27 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 01/15/25 08:27 | 01/15/25 11:27 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 01/15/25 08:27 | 01/15/25 11:27 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 01/15/25 08:27 | 01/15/25 11:27 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 01/15/25 08:27 | 01/15/25 11:27 | 1 |
| | МВ | МВ | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | | | 70 - 130 | | | | 01/15/25 08:27 | 01/15/25 11:27 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | | | | 01/15/25 08:27 | 01/15/25 11:27 | 1 |
| Lab Sample ID: MB 880-10 | 0301/5-A | | | | | | Client Samp | le ID: Method | l Blank |

Matrix: Solid Analysis Batch: 100283

| | MB | MB | | | | | | |
|-----------------------------|-----------|-----------|----------|----------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 01/15/25 09:58 | 01/15/25 22:24 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 01/15/25 09:58 | 01/15/25 22:24 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 01/15/25 09:58 | 01/15/25 22:24 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | mg/Kg | | 01/15/25 09:58 | 01/15/25 22:24 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 01/15/25 09:58 | 01/15/25 22:24 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | mg/Kg | | 01/15/25 09:58 | 01/15/25 22:24 | 1 |
| | МВ | MB | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 120 | | 70 - 130 | | | 01/15/25 09:58 | 01/15/25 22:24 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | | | 01/15/25 09:58 | 01/15/25 22:24 | 1 |

Lab Sample ID: LCS 880-100301/1-A Matrix: Solid Analysis Batch: 100283

| Analysis Batch: 100283 | | | | | | | Prep Bate | ch: 100301 |
|------------------------|-------|--------|-----------|-------|---|------|-----------|------------|
| | Spike | LCS | LCS | | | | %Rec | |
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Benzene | 0.100 | 0.1129 | | mg/Kg | | 113 | 70 - 130 | |
| Toluene | 0.100 | 0.1113 | | mg/Kg | | 111 | 70 - 130 | |
| Ethylbenzene | 0.100 | 0.1094 | | mg/Kg | | 109 | 70 - 130 | |
| m-Xylene & p-Xylene | 0.200 | 0.2236 | | mg/Kg | | 112 | 70 - 130 | |
| o-Xylene | 0.100 | 0.1152 | | mg/Kg | | 115 | 70 - 130 | |
| | | | | | | | | |

| | LCS | LCS | |
|-----------------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene (Surr) | 118 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 |

| Lab Sample ID: LCSD 880-100301/2-A | | c | Client Sa | mple | ID: Lat | Control | Sample | e Dup | |
|------------------------------------|-------|--------|-----------|-------|---------|----------------|----------|---------|-------|
| Matrix: Solid | | | | | | | Prep Ty | pe: Tot | al/NA |
| Analysis Batch: 100283 | | | | | | | Prep Ba | atch: 1 | 00301 |
| | Spike | LCSD | LCSD | | | | %Rec | | RPD |
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Benzene | 0.100 | 0.1151 | | mg/Kg | | 115 | 70 - 130 | 2 | 35 |

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Job ID: 880-53222-1

Prep Type: Total/NA Prep Batch: 100301

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

SDG: Lea County, New Mexico

Client Sample ID: Method Blank

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Job ID: 880-53222-1 SDG: Lea County, New Mexico

Client Sample ID: Matrix Spike

Prep Type: Total/NA

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

| Lab Sample ID: LCSD 880-100301/2-A Matrix: Solid Analysis Batch: 100283 | | | Client Sa | mple | ID: Lat | Control Prep Ty Prep Ba | pe: Tot | otal/NA | |
|---|-------|---------------|-----------|------|---------|-------------------------------|---------|---------|--|
| | Spike | LCSD LCSD | | | | %Rec | | RPD | |
| Analyte | Added | Result Qualit | fier Unit | D | %Rec | Limits | RPD | Limit | |
| Toluene | 0.100 | 0.1124 | mg/Kg | | 112 | 70 - 130 | 1 | 35 | |
| Ethylbenzene | 0.100 | 0.1107 | mg/Kg | | 111 | 70 - 130 | 1 | 35 | |
| m-Xylene & p-Xylene | 0.200 | 0.2262 | mg/Kg | | 113 | 70 - 130 | 1 | 35 | |
| o-Xylene | 0.100 | 0.1163 | mg/Kg | | 116 | 70 - 130 | 1 | 35 | |
| | רפי | | | | | | | | |

| | LUSD LUSD | • |
|-----------------------------|-----------------|-------------|
| Surrogate | %Recovery Quali | fier Limits |
| 4-Bromofluorobenzene (Surr) | 121 | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 101 | 70 - 130 |

Lab Sample ID: 880-53210-A-11-A MS Matrix: Solid Analysis Batch: 100283

| Analysis Batch: 100283 | | | | | | | | | Prep Batch: 100301 |
|------------------------|----------|-----------|--------|--------|-----------|-------|---|------|--------------------|
| | Sample | Sample | Spike | MS | MS | | | | %Rec |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits |
| Benzene | <0.00199 | U | 0.0992 | 0.1080 | | mg/Kg | | 109 | 70 - 130 |
| Toluene | <0.00199 | U | 0.0992 | 0.1057 | | mg/Kg | | 107 | 70 - 130 |
| Ethylbenzene | <0.00199 | U | 0.0992 | 0.1033 | | mg/Kg | | 104 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.198 | 0.2086 | | mg/Kg | | 105 | 70 - 130 |
| o-Xylene | <0.00199 | U | 0.0992 | 0.1069 | | mg/Kg | | 108 | 70 - 130 |

| | MS | MS | |
|-----------------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene (Surr) | 116 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 |

Lab Sample ID: 880-53210-A-11-B MSD Matrix: Solid Analysis Batch: 100283

| Analysis Datch. 100205 | | | | | | | | | гіер Ба | aton. re | JUJU I |
|------------------------|-----------|-----------|-------|--------|-----------|-------|---|------|----------|----------|--------|
| | Sample | Sample | Spike | MSD | MSD | | | | %Rec | | RPD |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Benzene | < 0.00199 | U | 0.100 | 0.1100 | | mg/Kg | | 110 | 70 - 130 | 2 | 35 |
| Toluene | <0.00199 | U | 0.100 | 0.1078 | | mg/Kg | | 107 | 70 - 130 | 2 | 35 |
| Ethylbenzene | <0.00199 | U | 0.100 | 0.1055 | | mg/Kg | | 105 | 70 - 130 | 2 | 35 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.201 | 0.2131 | | mg/Kg | | 106 | 70 - 130 | 2 | 35 |
| o-Xylene | <0.00199 | U | 0.100 | 0.1092 | | mg/Kg | | 109 | 70 - 130 | 2 | 35 |
| | MSD | MSD | | | | | | | | | |
| - | | | | | | | | | | | |

| Surrogate | %Recovery | Qualifier | Limits |
|-----------------------------|-----------|-----------|----------|
| 4-Bromofluorobenzene (Surr) | 121 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 |

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

| Lab Sample ID: MB 880-100310/ Matrix: Solid Analysis Batch: 100509 | 1-A | | | | | | | le ID: Method Prep Type: To Prep Batch: | otal/NA |
|--|--------|-----------|------|-----|-------|---|----------------|---|---------|
| | MB | MB | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 04:57 | 1 |

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

Prep Batch: 100301

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Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-53222-1 SDG: Lea County, New Mexico

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Client Sample ID: Matrix Spike

Prep Type: Total/NA

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

| Lab Sample ID: MB 880-1003 Matrix: Solid Analysis Batch: 100509 | 10/1-A | | | | | | | le ID: Methoo Prep Type: To Prep Batch: | otal/NA |
|---|-----------|-----------|----------|---------|-------|--------|----------------|---|---------|
| - | MB | МВ | | | | | | - | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 04:57 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 04:57 | 1 |
| | MB | МВ | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 112 | | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 04:57 | 1 |
| o-Terphenyl | 109 | | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 04:57 | 1 |
| Lab Sample ID: LCS 880-1003 | 310/2-A | | | | | Client | t Sample ID: | Lab Control S | Sample |
| Matrix: Solid | | | | | | | - | Prep Type: To | otal/NA |
| Analysis Batch: 100509 | | | | | | | | Prep Batch: | |
| - | | | Spike | LCS LCS | 6 | | | %Rec | |

| | Shike | LOG | LOG | | | | /oncec | |
|-----------------------------|-------|--------|-----------|-------|---|------|----------|---------|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Gasoline Range Organics | 1000 | 833.8 | | mg/Kg | | 83 | 70 - 130 | - 1 |
| (GRO)-C6-C10 | | | | | | | | |
| Diesel Range Organics (Over | 1000 | 775.7 | | mg/Kg | | 78 | 70 - 130 | |
| C10-C28) | | | | | | | | |
| | | | | | | | | |

| | 200 200 | |
|----------------|---------------------|----------|
| Surrogate | %Recovery Qualifier | Limits |
| 1-Chlorooctane | 77 | 70 - 130 |
| o-Terphenyl | 78 | 70 - 130 |

Lab Sample ID: LCSD 880-100310/3-A Matrix: Solid Analysis Batch: 100509

| Analysis Batch: 100509 | | | | | | | Prep Ba | , atch: 10 | 00310 |
|-----------------------------|-------|--------|-----------|-------|---|------|----------|---------------|-------|
| | Spike | LCSD | LCSD | | | | %Rec | | RPD |
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Gasoline Range Organics | 1000 | 894.7 | | mg/Kg | | 89 | 70 - 130 | 7 | 20 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | 1000 | 791.7 | | mg/Kg | | 79 | 70 - 130 | 2 | 20 |
| C10-C28) | | | | | | | | | |

| | LCSD | LCSD | |
|----------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1-Chlorooctane | 105 | | 70 - 130 |
| o-Terphenyl | 88 | | 70 - 130 |

Lab Sample ID: 880-53219-A-1-B MS Matrix: Solid

| Analysis Batch: 100509 | | | | | | | | | Prep Ba | atch: 100310 | |
|---|--------|-----------|-------|--------|-----------|-------|---|------|----------|--------------|--|
| | Sample | Sample | Spike | MS | MS | | | | %Rec | | |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | | |
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U F1 | 995 | 665.6 | F1 | mg/Kg | | 67 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <49.9 | U F1 | 995 | 687.4 | F1 | mg/Kg | | 69 | 70 - 130 | | |

| | MS | MS | |
|----------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1-Chlorooctane | 83 | | 70 - 130 |
| o-Terphenyl | 84 | | 70 - 130 |

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Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-53222-1 SDG: Lea County, New Mexico

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

| Lab Sample ID: 880-5321 | 9-A-1-C MSE | | | | | Client S | Samp | le ID: N | latrix Spil | | |
|--|-------------------------------------|---------------------|--------------------------------|--|-------------------------|----------------------------|----------|--|--|---------------------|-----------------------------|
| Matrix: Solid | | | | | | | | | Prep Ty | pe: Tot | al/NA |
| Analysis Batch: 100509 | | | | | | | | | Prep Ba | atch: 10 | 00310 |
| | Sample | Sample | Spike | MSD | MSD | | | | %Rec | | RPD |
| Analyte | | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limi |
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U F1 | 995 | 660.7 | F1 | mg/Kg | | 66 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U F1 | 995 | 671.3 | F1 | mg/Kg | | 67 | 70 - 130 | 2 | 20 |
| | MSD | MSD | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 84 | | 70 - 130 | - | | | | | | | |
| o-Terphenyl | 83 | | 70 - 130 | | | | | | | | |
| lethod: 300.0 - Anion | s, Ion Chr | omatograp | ohy | | | | | | | | |
| Lab Sample ID: MB 880-1 | 00333/1-A | | | | | | Clie | ent Sam | ple ID: M | | |
| Matrix: Solid | | | | | | | | | Prep Ty | ype: So | oluble |
| Analysis Batch: 100346 | | | | | | | | | | | |
| | | MB MB | | | | | | | | | |
| Analyte | Re | sult Qualifier | | RL | MDL Unit | 0 |) P | repared | Analyz | zed | Dil Fa |
| Chloride | < | 10.0 U | | 10.0 | mg/K | g | | | 01/15/25 | 19:39 | , |
| Matrix: Solid Analysis Batch: 100346 | | | 0 | 1.00 | | | | | Prep Ty | ype: So | ומטוכ |
| Analyte | | | Spike Added | _ | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
| Chloride | | | 250 | 237.7 | Guanner | mg/Kg | | 95 | 90 - 110 | | |
| | | | | | | | | | | | |
| Lab Sample ID: LCSD 880 | J-100333/3-A | L . | | | (| | | | | | _ |
| | | | | | | ment Sa | mple | ID: Lab | Control | | |
| | | | | | | ment Sa | mple | ID: Lab | Control S Prep Ty | | |
| Matrix: Solid Analysis Batch: 100346 | | | | | | ment Sa | mple | ID: Lat | Prep Ty | | oluble |
| Analysis Batch: 100346 | | | Spike | | LCSD | | mple | | Prep Ty %Rec | ype: So | |
| Analysis Batch: 100346 Analyte | | | Added | Result | | Unit | mple | %Rec | Prep Ty %Rec Limits | ype: So RPD | RPE Limi |
| Analysis Batch: 100346 Analyte | | | • | | LCSD | | | | Prep Ty %Rec | ype: So | RPI Limi |
| Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222 | 2-1 MS | | Added | Result | LCSD | Unit | | %Rec 95 | Prep Ty %Rec Limits 90 - 110 | RPD 0 e ID: S | RPI Limi 20 -1 (2' |
| Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222 Matrix: Solid | 2-1 MS | | Added | Result | LCSD | Unit | | %Rec 95 | Prep Ty %Rec Limits 90 - 110 | RPD 0 e ID: S | RPI Limi 20 -1 (2' |
| Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222 Matrix: Solid | | | Added 250 | Result 238.0 | LCSD Qualifier | Unit | | %Rec 95 | Prep Ty %Rec Limits 90 - 110 ent Sample Prep Ty | RPD 0 e ID: S | RPI Limi 20 -1 (2' |
| Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53223 Matrix: Solid Analysis Batch: 100346 | Sample | Sample | Added 250 Spike | Result 238.0 | LCSD Qualifier MS | <mark>Unit</mark> mg/Kg | <u>D</u> | %Rec 95 Clie | Prep Ty %Rec Limits 90 - 110 ent Sample Prep Ty %Rec | RPD 0 e ID: S | RPI Limi 20 -1 (2) |
| Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222 Matrix: Solid Analysis Batch: 100346 Analyte | Sample Result | Sample Qualifier | Added 250 Spike Added | Result 238.0 MS Result | LCSD Qualifier | Unit mg/Kg Unit | | %Rec 95 Clie | Prep Ty %Rec Limits 90 - 110 ent Sample Prep Ty %Rec Limits | RPD 0 e ID: S | RPI Limi 20 -1 (2) |
| Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222 Matrix: Solid Analysis Batch: 100346 Analyte | Sample | - | Added 250 Spike | Result 238.0 | LCSD Qualifier MS | <mark>Unit</mark> mg/Kg | <u>D</u> | %Rec 95 Clie | Prep Ty %Rec Limits 90 - 110 ent Sample Prep Ty %Rec | RPD 0 e ID: S | RPI Limi 20 -1 (2' |
| Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222 | Sample Result 80.1 | - | Added 250 Spike Added | Result 238.0 MS Result | LCSD Qualifier MS | Unit mg/Kg Unit | <u>D</u> | %Rec 95 Clie %Rec 99 | Prep Ty %Rec Limits 90 - 110 ent Sample Prep Ty %Rec Limits 90 - 110 ent Sample | e ID: So | -1 (2' |
| Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53223 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53223 Matrix: Solid | Sample Result 80.1 | - | Added 250 Spike Added | Result 238.0 MS Result | LCSD Qualifier MS | Unit mg/Kg Unit | <u>D</u> | %Rec 95 Clie %Rec 99 | Prep Ty %Rec Limits 90 - 110 ent Sample Prep Ty %Rec Limits 90 - 110 | e ID: So | -1 (2' |
| | Sample Result 80.1 2-1 MSD | - | Added 250 Spike Added | Result 238.0 MS Result 326.8 | LCSD Qualifier MS | Unit mg/Kg Unit | <u>D</u> | %Rec 95 Clie %Rec 99 | Prep Ty %Rec Limits 90 - 110 ent Sample Prep Ty %Rec Limits 90 - 110 ent Sample | e ID: So | -1 (2") |

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5

Eurofins Midland

RPD

0

Limit

20

Limits

90 - 110

Analyte

Chloride

Result Qualifier

325.9

Unit

mg/Kg

D %Rec

98

Added

250

Result Qualifier

80.1

QC Association Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-53222-1 SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 100283

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 880-53222-1 | S-1 (2') | Total/NA | Solid | 8021B | 100301 |
| 880-53222-2 | S-2 (2') | Total/NA | Solid | 8021B | 100301 |
| MB 880-100289/5-A | Method Blank | Total/NA | Solid | 8021B | 100289 |
| MB 880-100301/5-A | Method Blank | Total/NA | Solid | 8021B | 100301 |
| LCS 880-100301/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 100301 |
| LCSD 880-100301/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 100301 |
| 880-53210-A-11-A MS | Matrix Spike | Total/NA | Solid | 8021B | 100301 |
| 880-53210-A-11-B MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 100301 |
| Prep Batch: 100289 | | | | | |
| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
| MB 880-100289/5-A | Method Blank | Total/NA | Solid | 5035 | |

Prep Batch: 100301

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 880-53222-1 | S-1 (2') | Total/NA | Solid | 5035 | |
| 880-53222-2 | S-2 (2') | Total/NA | Solid | 5035 | |
| MB 880-100301/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-100301/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-100301/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-53210-A-11-A MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-53210-A-11-B MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

Analysis Batch: 100426

| Lab Sample ID 880-53222-1 | Client Sample ID | Prep Type Total/NA | Matrix | Method Total BTEX | Prep Batch |
|------------------------------|---------------------|-----------------------|--------|----------------------|------------|
| 880-53222-1 | S-1 (2) S-2 (2') | Total/NA | Solid | Total BTEX | |

GC Semi VOA

Prep Batch: 100310

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|-------------|------------|
| 880-53222-1 | S-1 (2') | Total/NA | Solid | 8015NM Prep | |
| 880-53222-2 | S-2 (2') | Total/NA | Solid | 8015NM Prep | |
| MB 880-100310/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-100310/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-100310/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-53219-A-1-B MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-53219-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 100509

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-53222-1 | S-1 (2') | Total/NA | Solid | 8015B NM | 100310 |
| 880-53222-2 | S-2 (2') | Total/NA | Solid | 8015B NM | 100310 |
| MB 880-100310/1-A | Method Blank | Total/NA | Solid | 8015B NM | 100310 |
| LCS 880-100310/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 100310 |
| LCSD 880-100310/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 100310 |
| 880-53219-A-1-B MS | Matrix Spike | Total/NA | Solid | 8015B NM | 100310 |
| 880-53219-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 100310 |

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QC Association Summary

Job ID: 880-53222-1 SDG: Lea County, New Mexico

GC Semi VOA

Analysis Batch: 100606

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 880-53222-1 | S-1 (2') | Total/NA | Solid | 8015 NM | |
| 880-53222-2 | S-2 (2') | Total/NA | Solid | 8015 NM | |

HPLC/IC

Leach Batch: 100333

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-53222-1 | S-1 (2') | Soluble | Solid | DI Leach | 8 |
| 880-53222-2 | S-2 (2') | Soluble | Solid | DI Leach | 0 |
| MB 880-100333/1-A | Method Blank | Soluble | Solid | DI Leach | 0 |
| LCS 880-100333/2-A | Lab Control Sample | Soluble | Solid | DI Leach | 3 |
| LCSD 880-100333/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-53222-1 MS | S-1 (2') | Soluble | Solid | DI Leach | |
| 880-53222-1 MSD | S-1 (2') | Soluble | Solid | DI Leach | |

Analysis Batch: 100346

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch | |
|---------------------|------------------------|-----------|--------|--------|------------|--|
| 880-53222-1 | S-1 (2') | Soluble | Solid | 300.0 | 100333 | |
| 880-53222-2 | S-2 (2') | Soluble | Solid | 300.0 | 100333 | |
| MB 880-100333/1-A | Method Blank | Soluble | Solid | 300.0 | 100333 | |
| LCS 880-100333/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 100333 | |
| LCSD 880-100333/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 100333 | |
| 880-53222-1 MS | S-1 (2') | Soluble | Solid | 300.0 | 100333 | |
| 880-53222-1 MSD | S-1 (2') | Soluble | Solid | 300.0 | 100333 | |

5

Project/Site: Ling Federal #3 Battery

Batch

Туре

Prep

Analysis

Analysis

Analysis

Analysis

Analysis

Leach

Prep

Batch

5035

8021B

Total BTEX

8015NM Prep

8015 NM

8015B NM

DI Leach

300.0

Method

Client Sample ID: S-1 (2')

Date Collected: 01/14/25 00:00

Date Received: 01/15/25 09:25

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Soluble

Soluble

Client: Carmona Resources

Initial

Amount

5.00 g

5 mL

10.04 g

1 uL

5.00 g

50 mL

Final

Amount

5 mL

5 mL

10 mL

1 uL

50 mL

50 mL

Batch

Number

100301

100283

100426

100606

100310

100509

100333

100346

Dil

50

1

1

1

1

Factor

Run

Job ID: 880-53222-1 SDG: Lea County, New Mexico

Analyst

MNR

Lab Sample ID: 880-53222-2

Lab Sample ID: 880-53222-1

Prepared

or Analyzed

01/15/25 09:58

01/16/25 06:33 MNR

01/16/25 06:33 SM

01/17/25 12:16 SM

01/15/25 10:28 EL

01/15/25 12:02 SI

01/15/25 21:16 CH

01/17/25 12:16 TKC

Matrix: Solid

Lab

EET MID

Matrix: Solid

12 13

Client Sample ID: S-2 (2') Date Collected: 01/14/25 00:00 Date Received: 01/15/25 09:25

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|--|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab | |
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 100301 | 01/15/25 09:58 | MNR | EET MID | |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 100283 | 01/16/25 04:10 | MNR | EET MID | |
| Total/NA | Analysis | Total BTEX | | 1 | | | 100426 | 01/16/25 04:10 | SM | EET MID | |
| Total/NA | Analysis | 8015 NM | | 1 | | | 100606 | 01/17/25 12:00 | SM | EET MID | |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 100310 | 01/15/25 10:28 | EL | EET MID | |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 100509 | 01/17/25 12:00 | TKC | EET MID | |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 100333 | 01/15/25 12:02 | SI | EET MID | |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 100346 | 01/15/25 21:33 | CH | EET MID | |

Laboratory References:

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

Eurofins Midland

Released to Imaging: 6/9/2025 2:53:19 PM

Accreditation/Certification Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-53222-1 SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

| thority | Program | Identification Number | Expiration Date | | |
|-----------------------|--|--|--------------------------------------|--|--|
| xas | NELAP | T104704400 | 06-30-25 | | |
| The following analyte | are included in this report, but the labor | atory is not certified by the governing author | rity. This list may include analytes | | |
| 0, | does not offer certification. | | | | |
| 0, | · · · | Analyte | | | |
| for which the agency | does not offer certification. | , , , , | | | |

10

Eurofins Midland

Method Summary

Job ID: 880-53222-1 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

11 12 13

Sample Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-53222-1 SDG: Lea County, New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | |
|---------------|------------------|--------|----------------|----------------|--|
| 380-53222-1 | S-1 (2') | Solid | 01/14/25 00:00 | 01/15/25 09:25 | |
| 380-53222-2 | S-2 (2') | Solid | 01/14/25 00:00 | 01/15/25 09:25 | |
| | | | | | |
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| | | | | | |

Chain of Custody



Released to Imaging: 6/9/2025 2:53:19 PM

| Project Manager: | Conner | r Moehrir | ng | | | Bill to: (if | different) | 1 | Grant | Hucka | abay & / | Addison | Guekle | er | | | | | W | ork O | rder | Comments | | |
|--------------------|------------|-----------|----------------|------------------|-----------|--------------|-------------------------------------|---------------|-------|----------|----------------------------|---------|--------------------------------|-------|--------|---------|-----------|---------|-----|---------|------|--|----------------|---|
| Company Name: | | na Reso | | | | Company | | | Faske | en Oil a | and Rar | nch | | | | Prog | ram: L | JST/PS | | | | nfields RC | | |
| Address: | 310 W | Wall St | Ste 500 | | | Address: | | | 6101 | Holida | y Hill Re | bad | | | | | e of Pro | | | _ | - | | U 1 | |
| City, State ZIP: | Midland | d, TX 79 | 701 | | | City, Stat | | | | | xas 797 | | | | | Repo | orting:Lo | evel II | Lev | vel III | Dзт | | Level IV | |
| Phone: | 432-81 | | | | Emai | | Granth@forl.com & addisong@forl.com | | | | | | Deliverables: EDD ADaPT Other: | | | | | | | | | | | |
| Project Name: | | Ling | Federal #3 B | attery | Tur | urn Around | | 0.00 | | | - | | A | NALYS | IS REC | UEST | | | | | | Preserva | tive Codes | |
| Project Number: | | | 2622 | | Routine | Rush | n | Pres. Code | | | | | | | | | | | | | | None: NO | DI Water: H | |
| Project Location | | Lea C | County, New M | Vlexico | Due Date: | Stan | Idard | | | | | | | | | | | | | | | Cool: Cool | MeOH: Me | |
| Sampler's Name: | | | CRM | | | | | | | l Q2 | | | | | | | | | | | | HCL: HC | HNO3: HN | |
| PO #: | | | | | | | | 2 | | + MRO) | | | | | | | | | | | | H ₂ S0 ₄ : H ₂ | NaOH: Na | |
| SAMPLE RECE | IPT | Tem | p Blank: | Yes No | Wet Ice: | Yes |) NO | Parameters | m | | 0.0 | | | | | | | | | | | H₃PO₄: HP | | |
| Received Intact: | | Ve | No No | Thermometer ID | | T | 24 | Iran | 802 | | BTEX 8021B A (GRO + DF | le 30 | | | | | | | | | | НОГР | NaHSO4: NABI | 5 |
| Cooler Custody Sea | ls: | Yes | No NTA | Correction Facto | ir: | | 1 | 4 | Ĭ Ă | | | | | | | | | | | | 오 | Na ₂ S ₂ O ₃ : NaSC |) ₃ | |
| ample Custody Se | als: | Yes | No N/A | Temperature Re | ading: | -6 | ~ | | in i | 5M | ర్ | | | | | | | | | | | Zn Acetate+Na | OH: Zn | |
| Total Containers: | | | | Corrected Temp | erature: | - 6 | 2.4 | | | 180 | | | | | | | | | | | | NaOH+Ascorbic | Acid: SAPC | |
| Sample Ide | ntificatio | n | Date | Time | Soil | Water | Grab/ Comp | # of Cont | | TPI | | | | | | | | | | | | Sample (| Comments | |
| S-1 (| (2') | | 1/14/2025 | | Х | | G | 1 | X | Х | Х | | | | | | | | | | | | | |
| S-2 | (2') | | 1/14/2025 | | Х | | G | 1 | Х | Х | Х | | | | | | | | | | | | | |
| | | | | | | | | <u> </u> | | | | | | | | + | | - | | | _ | | _ | |
| | | | | | | | | | - | - | | | | | + | - | — | | | _ | _ | | | |
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| | | | | | | | | | | <u> </u> | | | | | | - | | | | | | | | |
| | _ | | | L | I | | | | | L | | | | | | | | | | | | | | |
| Comments: | | | | | | | | | | | | | | | | | | | | | | | | |
| | _ | F | Relinquished b | by: (Signature) | | | | | Date/ | Time | | | | I | Rec | eived b | oy: (Sig | gnatur | re) | | | | Date/Time | |

72

die



Job Number: 880-53222-1

Login Sample Receipt Checklist

Client: Carmona Resources

Login Number: 53222 List Number: 1 Creator: Vasquez, Julisa

<6mm (1/4").

| 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 | N/A | |

SDG Number: Lea County, New Mexico List Source: Eurofins Midland 5 6 7 8 9 10 11 12 13

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Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Carmona Carmona Resources 310 W Wall St Ste 500 Midland, Texas 79701 Generated 1/17/2025 5:40:45 PM

JOB DESCRIPTION

Ling Federal #3 Battery Lea County, New Mexico

JOB NUMBER

880-53227-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701







Eurofins Midland

Job Notes

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

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

Authorization

AMER

Generated 1/17/2025 5:40:45 PM

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

Eurofins Midland is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

Laboratory Job ID: 880-53227-1 SDG: Lea County, New Mexico

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| | |

Job ID: 880-53227-1 SDG: Lea County, New Mexico

Qualifiers

LOD

LOQ

MCL

MDA

MDC

MDL

MQL NC

ND

NEG

POS

PQL

QC RER

RL

RPD

TEF

TEQ

TNTC

PRES

ML MPN Limit of Detection (DoD/DOE)

Method Detection Limit Minimum Level (Dioxin)

Most Probable Number Method Quantitation Limit

Not Calculated

Negative / Absent

Positive / Present

Presumptive Quality Control

Practical Quantitation Limit

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Limit of Quantitation (DoD/DOE)

EPA recommended "Maximum Contaminant Level"

Minimum Detectable Concentration (Radiochemistry)

Not Detected at the reporting limit (or MDL or EDL if shown)

Minimum Detectable Activity (Radiochemistry)

| Qualifiers | | 3 |
|----------------|---|---|
| GC VOA | | |
| Qualifier | Qualifier Description | |
| S1+ | Surrogate recovery exceeds control limits, high biased. | |
| U | Indicates the analyte was analyzed for but not detected. | 5 |
| GC Semi VOA | | |
| Qualifier | Qualifier Description | |
| F1 | MS and/or MSD recovery exceeds control limits. | |
| U | Indicates the analyte was analyzed for but not detected. | |
| HPLC/IC | | |
| Qualifier | Qualifier Description | 8 |
| U | Indicates the analyte was analyzed for but not detected. | |
| Glossary | | 9 |
| 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) | |
| | | |

Case Narrative

Client: Carmona Resources Project: Ling Federal #3 Battery

Job ID: 880-53227-1

Job ID: 880-53227-1

Eurofins Midland

Job Narrative

880-53227-1

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

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

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

Receipt

The samples were received on 1/15/2025 9:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (3') (880-53227-1) and S-2 (3') (880-53227-2).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-2 (3') (880-53227-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-100310 and analytical batch 880-100509 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

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

Matrix: Solid

5

Job ID: 880-53227-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-53227-1

Client Sample ID: S-1 (3') Date Collected: 01/14/25 00:00

Project/Site: Ling Federal #3 Battery

Client: Carmona Resources

Date Received: 01/15/25 09:25

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|----------------|--------------|----------|-----|-------|---|----------------|----------------|----------|
| Benzene | 0.00504 | | 0.00199 | | mg/Kg | | 01/15/25 10:59 | 01/16/25 01:14 | 1 |
| Toluene | 0.0164 | | 0.00199 | | mg/Kg | | 01/15/25 10:59 | 01/16/25 01:14 | 1 |
| Ethylbenzene | 0.00320 | | 0.00199 | | mg/Kg | | 01/15/25 10:59 | 01/16/25 01:14 | 1 |
| m-Xylene & p-Xylene | 0.00629 | | 0.00398 | | mg/Kg | | 01/15/25 10:59 | 01/16/25 01:14 | 1 |
| o-Xylene | 0.00267 | | 0.00199 | | mg/Kg | | 01/15/25 10:59 | 01/16/25 01:14 | |
| Xylenes, Total | 0.00896 | | 0.00398 | | mg/Kg | | 01/15/25 10:59 | 01/16/25 01:14 | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
| 4-Bromofluorobenzene (Surr) | 103 | | 70 - 130 | | | | 01/15/25 10:59 | 01/16/25 01:14 | |
| 1,4-Difluorobenzene (Surr) | 94 | | 70 - 130 | | | | 01/15/25 10:59 | 01/16/25 01:14 | 1 |
| Method: TAL SOP Total BTEX - T | otal BTEX Calo | culation | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total BTEX | 0.0336 | | 0.00398 | | mg/Kg | | | 01/16/25 01:14 | 1 |
| Method: SW846 8015 NM - Diese | I Range Organ | ics (DRO) (| GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 01/17/25 14:21 | 1 |
| Method: SW846 8015B NM - Dies | el Range Orga | nics (DRO) | (GC) | | | | | | |
| Analyte | | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 14:21 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 14:21 | |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 14:21 | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
| 1-Chlorooctane | 92 | | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 14:21 | |
| o-Terphenyl | 85 | | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 14:21 | - |
| Method: EPA 300.0 - Anions, Ion | Chromatograp | ohy - Solubl | e | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 103 | | 9.94 | | mg/Kg | | | 01/15/25 22:24 | 1 |
| lient Sample ID: S-2 (3') | | | | | | | Lab Sam | ple ID: 880-5 | 3227-2 |
| ate Collected: 01/14/25 00:00 ate Received: 01/15/25 09:25 | | | | | | | | Matri | x: Solid |
| Method: SW846 8021B - Volatile | Organic Comp | ounds (GC) | | | | | | | |
| Analyte | | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Benzene | 0.0201 | | 0.00200 | | mg/Kg | | 01/15/25 10:59 | 01/16/25 01:34 | |
| Toluene | 0.240 | | 0.00200 | | mg/Kg | | 01/15/25 10:59 | 01/16/25 01:34 | |
| Ethylbenzene | 0.175 | | 0.00200 | | mg/Kg | | 01/15/25 10:59 | 01/16/25 01:34 | |
| m-Xylene & p-Xylene | 0.246 | | 0.00399 | | mg/Kg | | 01/15/25 10:59 | 01/16/25 01:34 | |
| | | | | | | | | | |

Released to Imaging: 6/9/2025 2:53:19 PM
Matrix: Solid

5

Client Sample Results

Job ID: 880-53227-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-53227-2

Client Sample ID: S-2 (3')

Project/Site: Ling Federal #3 Battery

Client: Carmona Resources

Date Collected: 01/14/25 00:00 Date Received: 01/15/25 09:25

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|---------------|-------------|----------|-----|-------|----------|----------------|----------------|---------|
| Total BTEX | 0.806 | | 0.00399 | | mg/Kg | | | 01/16/25 01:34 | 1 |
| Method: SW846 8015 NM - Diesel | Range Organ | ics (DRO) (| GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 01/17/25 14:36 | 1 |
| Method: SW846 8015B NM - Dies | el Range Orga | nics (DRO) | (GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <49.8 | U | 49.8 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 14:36 | |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <49.8 | U | 49.8 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 14:36 | |
| C10-C28) | | | | | | | | | |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 14:36 | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
| 1-Chlorooctane | 84 | | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 14:36 | |
| o-Terphenyl | 77 | | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 14:36 | |
| | 0 h | hu Oakste | l- | | | | | | |
| Method: EPA 300.0 - Anions, Ion | | - | | | | _ | - · | | |
| Analyte | | Qualifier | RL | MDL | Unit | <u>D</u> | Prepared | Analyzed | Dil Fac |
| Chloride | 27.9 | | 10.0 | | mg/Kg | | | 01/15/25 22:29 | 1 |

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

| | | | | Percent Surrogate Recovery (Acceptance Limits) | |
|---------------------|------------------------|----------|----------|--|---|
| | | BFB1 | DFBZ1 | | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | | 5 |
| 880-53224-A-1-B MS | Matrix Spike | 106 | 95 | | |
| 880-53224-A-1-C MSD | Matrix Spike Duplicate | 108 | 99 | | 6 |
| 880-53227-1 | S-1 (3') | 103 | 94 | | |
| 880-53227-2 | S-2 (3') | 149 S1+ | 95 | | |
| LCS 880-100311/1-A | Lab Control Sample | 103 | 96 | | |
| LCSD 880-100311/2-A | Lab Control Sample Dup | 119 | 94 | | 8 |
| MB 880-100290/5-A | Method Blank | 95 | 91 | | |
| MB 880-100311/5-A | Method Blank | 99 | 90 | | 0 |
| . | | | | | 3 |
| Surrogate Legend | | | | | |

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

| | | 1CO1 | OTPH1 |
|---------------------|------------------------|----------|----------|
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) |
| 880-53219-A-1-B MS | Matrix Spike | 83 | 84 |
| 880-53219-A-1-C MSD | Matrix Spike Duplicate | 84 | 83 |
| 880-53227-1 | S-1 (3') | 92 | 85 |
| 880-53227-2 | S-2 (3') | 84 | 77 |
| LCS 880-100310/2-A | Lab Control Sample | 77 | 78 |
| LCSD 880-100310/3-A | Lab Control Sample Dup | 105 | 88 |
| MB 880-100310/1-A | Method Blank | 112 | 109 |

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

SDG: Lea County, New Mexico

Prep Type: Total/NA

Prep Type: Total/NA

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Method: 8021B - Volatile Organic Compounds (GC)

| Lab Sample ID: MB 880-1002 | 290/5-A | | | | | | | | Client Sa | mple ID: Meth | |
|-----------------------------|---------------|-----------|----------|--------|-----|-------------|-------|--------|-------------|----------------|------------------|
| Matrix: Solid | | | | | | | | | | Prep Type: | |
| Analysis Batch: 100282 | | | | | | | | | | Prep Batcl | n: 100290 |
| | | MB | | | | | | | | | |
| Analyte | | Qualifier | RL | | MDL | Unit | D | P | repared | Analyzed | Dil Fac |
| Benzene | <0.00200 | U | 0.00200 | | | mg/Kg | | 01/1 | 5/25 08:30 | 01/15/25 11:29 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | | mg/Kg | | 01/1 | 5/25 08:30 | 01/15/25 11:29 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | | mg/Kg | | 01/1 | 5/25 08:30 | 01/15/25 11:29 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | | mg/Kg | | 01/1 | 5/25 08:30 | 01/15/25 11:29 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | | mg/Kg | | 01/1 | 5/25 08:30 | 01/15/25 11:29 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | | mg/Kg | | 01/1 | 5/25 08:30 | 01/15/25 11:29 | 1 |
| | МВ | МВ | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | F | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 95 | | 70 - 130 | | | | | 01/1 | 5/25 08:30 | 01/15/25 11:29 | 1 |
| 1,4-Difluorobenzene (Surr) | 91 | | 70 - 130 | | | | | 01/1 | 5/25 08:30 | 01/15/25 11:29 | 1 |
| Lab Sample ID: MB 880-1003 | 311/5-A | | | | | | | | Client Sa | mple ID: Meth | |
| Matrix: Solid | | | | | | | | | | Prep Type: | Total/NA |
| Analysis Batch: 100282 | МВ | МВ | | | | | | | | Prep Batc | h: 100311 |
| Analyte | | Qualifier | RL | | MDL | Unit | D | P | repared | Analyzed | Dil Fac |
| Benzene | <0.00200 | U | 0.00200 | | | mg/Kg | | | 5/25 10:50 | 01/15/25 23:30 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | | mg/Kg | | 01/1 | 5/25 10:50 | 01/15/25 23:30 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | | mg/Kg | | 01/1 | 5/25 10:50 | 01/15/25 23:30 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | | mg/Kg | | 01/1 | 5/25 10:50 | 01/15/25 23:30 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | | mg/Kg | | 01/1 | 5/25 10:50 | 01/15/25 23:30 | 1 |
| Xylenes, Total | <0.00400 | | 0.00400 | | | mg/Kg | | | 5/25 10:50 | 01/15/25 23:30 | 1 |
| | MB | | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | F | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 99 | | 70 - 130 | | | | | 01/1 | 5/25 10:50 | 01/15/25 23:30 | 1 |
| 1,4-Difluorobenzene (Surr) | 90 | | 70 - 130 | | | | | 01/1 | 5/25 10:50 | 01/15/25 23:30 | 1 |
| Lab Sample ID: LCS 880-100 |)311/1-A | | | | | | (| Client | t Sample I | ID: Lab Contro | I Sample |
| Matrix: Solid | | | | | | | | | | Prep Type: | Total/NA |
| Analysis Batch: 100282 | | | | | | | | | | Prep Batc | h: 100311 |
| | | | Spike | LCS | LCS | | | | | %Rec | |
| Analyte | | | Added | Result | Qua | lifier Unit | | D | %Rec | Limits | |
| Benzene | | | 0.100 | 0.1165 | | mg/K | 9 | | 117 | 70 - 130 | |
| Toluene | | | 0.100 | 0.1250 | | mg/K | 9 | | 125 | 70 - 130 | |
| Ethylbenzene | | | 0.100 | 0.1242 | | mg/K | g | | 124 | 70 - 130 | |
| m-Xylene & p-Xylene | | | 0.200 | 0.2412 | | mg/K | 9 | | 121 | 70 - 130 | |
| o-Xylene | | | 0.100 | 0.1301 | | mg/K | 9 | | 130 | 70 - 130 | |
| | LCS LCS | ; | | | | | | | | | |
| Surrogate | %Recovery Qua | lifier | Limits | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 103 | | 70 - 130 | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 | | | | | | | | |
| Lab Sample ID: LCSD 880-10 | 00311/2-A | | | | | (| Clien | t San | nole ID: La | ab Control Sa | nple Dup |
| Matrix: Solid | | | | | | | | | | Prep Type: | |
| Analysis Batch: 100282 | | | | | | | | | | Prep Batc | |
| | | | Spike | LCSD | LCS | D | | | | %Rec | RPD |
| Analyte | | | Added | Result | | | | D | %Rec | | PD Limit |
| | | | Audeu | 0.1001 | aud | | | | 100 | 70, 120 | |

Benzene

5

7

7 Eurofins Midland

35

0.1091

mg/Kg

109

70 - 130

0.100

Job ID: 880-53227-1 SDG: Lea County, New Mexico

Job ID: 880-53227-1 SDG: Lea County, New Mexico

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

| Lab Sample ID: LCSD 880-1 | 00311/2-A | | | | | Clie | nt Sam | ple ID: I | Lab Contro | | |
|-----------------------------|-----------|-----------|----------|---------|-----------|-------|----------|-----------|-------------|----------|--------|
| Matrix: Solid | | | | | | | | | Prep 1 | Type: To | tal/NA |
| Analysis Batch: 100282 | | | | | | | | | Prep | Batch: 1 | 00311 |
| | | | Spike | LCSD | LCSD | | | | %Rec | | RPD |
| Analyte | | | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Toluene | | | 0.100 | 0.1178 | | mg/Kg | | 118 | 70 - 130 | 6 | 35 |
| Ethylbenzene | | | 0.100 | 0.1154 | | mg/Kg | | 115 | 70 - 130 | 7 | 35 |
| m-Xylene & p-Xylene | | | 0.200 | 0.2197 | | mg/Kg | | 110 | 70 - 130 | 9 | 35 |
| o-Xylene | | | 0.100 | 0.1204 | | mg/Kg | | 120 | 70 - 130 | 8 | 35 |
| | LCSD | LCSD | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | | | 70 - 130 | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 94 | | 70 - 130 | | | | | | | | |
| | | | | | | | | | | | |
| Lab Sample ID: 880-53224-A | A-1-B MS | | | | | | | Client | Sample ID | | |
| Matrix: Solid | | | | | | | | | Prep 1 | Type: To | tal/N/ |
| Analysis Batch: 100282 | | | | | | | | | Prep l | Batch: 1 | 00311 |
| | Sample | Sample | Spike | MS | MS | | | | %Rec | | |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | | |
| Benzene | 0.00233 | | 0.0992 | 0.09993 | | mg/Kg | | 98 | 70 - 130 | | |
| Toluene | <0.00199 | U | 0.0992 | 0.07496 | | mg/Kg | | 76 | 70 - 130 | | |
| Ethylbenzene | <0.00199 | U | 0.0992 | 0.08219 | | mg/Kg | | 83 | 70 - 130 | | |
| m-Xylene & p-Xylene | <0.00398 | U | 0.198 | 0.1478 | | mg/Kg | | 74 | 70 - 130 | | |
| o-Xylene | <0.00199 | U | 0.0992 | 0.1008 | | mg/Kg | | 102 | 70 - 130 | | |
| | MS | MS | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 106 | | 70 - 130 | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 95 | | 70 - 130 | | | | | | | | |
| | | | | | | | | | | | |
| Lab Sample ID: 880-53224-A | A-1-C MSD | | | | | C | lient Sa | ample IC | : Matrix Sp | | |
| Matrix: Solid | | | | | | | | | | Гуре: То | |
| Analysis Batch: 100282 | | | | | | | | | | Batch: 1 | |
| | • | Sample | Spike | MSD | MSD | | _ | | %Rec | | RPD |
| Analyte | | Qualifier | Added | | Qualifier | Unit | D | %Rec | Limits | RPD | Limi |
| Benzene | 0.00233 | | 0.100 | 0.1067 | | mg/Kg | | 104 | 70 - 130 | 7 | 35 |
| Toluene | < 0.00199 | | 0.100 | 0.08370 | | mg/Kg | | 83 | 70 - 130 | 11 | 35 |
| Ethylbenzene | <0.00199 | | 0.100 | 0.08522 | | mg/Kg | | 85 | 70 - 130 | 4 | 35 |
| m-Xylene & p-Xylene | <0.00398 | | 0.201 | 0.1540 | | mg/Kg | | 77 | 70 - 130 | 4 | 35 |
| o-Xylene | <0.00199 | U | 0.100 | 0.1012 | | mg/Kg | | 101 | 70 - 130 | 0 | 35 |
| | MSD | MSD | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| | | | | | | | | | | | |

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

108

99

| Lab Sample ID: MB 880-100310/1-A Matrix: Solid Analysis Batch: 100509 | | | | | | | Client Sa | mple ID: Metho Prep Type: ⁻ Prep Batch | Total/NA |
|---|--------|-----------|------|-----|-------|---|----------------|---|----------|
| | МВ | МВ | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <50.0 | U | 50.0 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 04:57 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |

70 - 130

70 - 130

Eurofins Midland

4-Bromofluorobenzene (Surr)

1,4-Difluorobenzene (Surr)

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-53227-1 SDG: Lea County, New Mexico

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

| Lab Sample ID: MB 880-10031 Matrix: Solid | | | | | | | | | | | ample ID: I Prep T | | otal/NA |
|--|---------------------|---------------|----------------------|--------|-----|--------|-------|---|----------|------------|-----------------------|---------|---------|
| Analysis Batch: 100509 | | | | | | | | | | | | | 100310 |
| Analysis Batch. 100509 | | ИВ МВ | | | | | | | | | Fiehr | Saturi. | 100510 |
| Analyte | | ult Qualifier | RL | | MDL | Unit | | D | Р | repared | Analyz | ed | Dil Fac |
| Diesel Range Organics (Over | | 0.0 U | 50.0 | | | mg/K | | _ | | 5/25 10:28 | 01/17/25 | | |
| C10-C28) | | | | | | 0. | 5 | | | | | | |
| Oil Range Organics (Over C28-C36) | <5 | 0.0 U | 50.0 | | | mg/K | g | | 01/1 | 5/25 10:28 | 01/17/25 | 04:57 | 1 |
| | | MB MB | | | | | | | | | | | |
| Surroacto | %Recov | | Limits | | | | | | | repared | Anolua | ad | Dil Fac |
| Surrogate 1-Chlorooctane | | 112 Quanner | <u></u> | | | | | | | 5/25 10:28 | Analyz 01/17/25 | | DIIFa |
| o-Terphenyl | | 109 | 70 - 130 70 - 130 | | | | | | | 5/25 10:28 | 01/17/25 | | - |
| o-respicently | , | 03 | 70 - 750 | | | | | | 01/1 | 5/25 10.20 | 01/11/20 | 04.07 | |
| Lab Sample ID: LCS 880-10031 | 10/2-A | | | | | | | С | lient | Sample | ID: Lab Co | ontrol | Sample |
| Matrix: Solid | | | | | | | | | | | | | otal/NA |
| Analysis Batch: 100509 | | | | | | | | | | | | | 100310 |
| | | | Spike | LCS | LCS | | | | | | %Rec | | |
| Analyte | | | Added | Result | Qua | lifier | Unit | | D | %Rec | Limits | | |
| Gasoline Range Organics | | | 1000 | 833.8 | | | mg/Kg | | _ | 83 | 70 - 130 | | |
| (GRO)-C6-C10 | | | | | | | - | | | | | | |
| Diesel Range Organics (Over | | | 1000 | 775.7 | | | mg/Kg | | | 78 | 70 - 130 | | |
| C10-C28) | | | | | | | | | | | | | |
| | LCS I | .cs | | | | | | | | | | | |
| Surrogate | %Recovery (| Qualifier | Limits | | | | | | | | | | |
| 1-Chlorooctane | 77 | | 70 - 130 | | | | | | | | | | |
| o-Terphenyl | 78 | | 70 - 130 | | | | | | | | | | |
| Matrix: Solid Analysis Batch: 100509 | | | | | | _ | | | | | | | 100310 |
| | | | Spike | LCSD | | | | | _ | | %Rec | | RPD |
| Analyte | | | Added | Result | Qua | lifier | Unit | | <u>D</u> | %Rec | Limits | RPD | |
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 894.7 | | | mg/Kg | | | 89 | 70 - 130 | 7 | 20 |
| Diesel Range Organics (Over | | | 1000 | 791.7 | | | mg/Kg | | | 79 | 70 - 130 | 2 | 20 |
| C10-C28) | | | | | | | 5 5 | | | | | | |
| | LCSD I | CCD | | | | | | | | | | | |
| Surrogato | | | Limits | | | | | | | | | | |
| Surrogate 1-Chlorooctane | | | 70 - 130 | | | | | | | | | | |
| o-Terphenyl | 88 | | 70 - 130 | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Lab Sample ID: 880-53219-A-1 | -B MS | | | | | | | | | Client S | Sample ID | : Matri | x Spike |
| Matrix: Solid | | | | | | | | | | | | | otal/NA |
| Analysis Batch: 100509 | | | | | | | | | | | Prep E | Batch: | 100310 |
| | Sample S | Sample | Spike | MS | MS | | | | | | %Rec | | |
| Analyte | Result 0 | | Added | Result | | lifier | Unit | | D | %Rec | Limits | | |
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 l | J F1 | 995 | 665.6 | F1 | _ | mg/Kg | _ | | 67 | 70 - 130 | _ | _ |
| Diesel Range Organics (Over C10-C28) | <49.9 l | J F1 | 995 | 687.4 | F1 | | mg/Kg | | | 69 | 70 - 130 | | |
| | Me | N S | | | | | | | | | | | |
| Surrogate | MS I %Recovery (| | Limits | | | | | | | | | | |
| 1-Chlorooctane | | zuannei - | 70 - 130 | | | | | | | | | | |
| , Ghiorooolang | 05 | | 10 - 100 | | | | | | | | | | |

84

o-Terphenyl

70 - 130

Eurofins Midland

Job ID: 880-53227-1 SDG: Lea County, New Mexico

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

| Matrix: Solid | | | | | | | | | Prep 1 | Type: To | tal/NA |
|---|--|---------------------|---|---|--------------------------------------|---------------------------------|--------|--|---|---|--|
| Analysis Batch: 100509 | | | | | | | | | Prep I | Batch: 1 | 0031 |
| | Sample | Sample | Spike | MSD | MSD | | | | %Rec | | RPI |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limi |
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U F1 | 995 | 660.7 | F1 | mg/Kg | | 66 | 70 - 130 | 1 | 2 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U F1 | 995 | 671.3 | F1 | mg/Kg | | 67 | 70 - 130 | 2 | 2 |
| | MSD | MSD | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 84 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 83 | | 70 - 130 | | | | | | | | |
| Lab Sample ID: MB 880-10033 Matrix: Solid Analysis Batch: 100346 | 33/1 -A | МВ МВ | | | | | | Client S | Sample ID: Prep | Method Type: So | |
| Analyte | B | esult Qualifier | | RL | MDL Unit | |) Pi | repared | Analyz | d | Dil Fa |
| Chloride | | 10.0 U | | 10.0 | mg/K | | | epareu | | | DIFE |
| Matrix: Solid | | | | | | | | | ID: Lab Co Prep | Type: S | |
| Matrix: Solid Analysis Batch: 100346 | | | Spike Added | | LCS Qualifier | Unit | D | | Prep %Rec | | |
| Matrix: Solid Analysis Batch: 100346 ^{Analyte} | | | Spike Added 250 | | LCS Qualifier | Unit mg/Kg | D | %Rec 95 | Prep | | |
| Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: LCSD 880-100 Matrix: Solid | | | Added | Result | | mg/Kg | | %Rec 95 | Prep %Rec Limits 90 - 110 | Type: So | e Du |
| Lab Sample ID: LCS 880-1003 Matrix: Solid Analysis Batch: 100346 Chloride Lab Sample ID: LCSD 880-100 Matrix: Solid Analysis Batch: 100346 | | | Added | Result 237.7 | | mg/Kg | | %Rec 95 | Prep %Rec Limits 90 - 110 | Type: So ol Sampl | e Du olubi |
| Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: LCSD 880-100 Matrix: Solid Analysis Batch: 100346 | | | Added | Result 237.7 LCSD | Qualifier | mg/Kg | | %Rec 95 | Prep %Rec Limits 90 - 110 Lab Contro Prep | Type: So ol Sampl | e Du olubi olubi RP |
| Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: LCSD 880-100 Matrix: Solid Analysis Batch: 100346 Analyte | | | Added 250 - | Result 237.7 LCSD | Qualifier | mg/Kg Clie | nt Sam | %Rec 95 ple ID: I | Prep %Rec Limits 90 - 110 Lab Contro Prep %Rec | Type: So ol Sampl Type: So | e Du olub RF Lin |
| Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: LCSD 880-100 Matrix: Solid | 0333/3-A | | Added 250 Spike Added | Result 237.7 LCSD Result | Qualifier | mg/Kg Cliet | nt Sam | %Rec 95 ple ID: 1 %Rec 95 | Prep %Rec Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID | Type: So ol Sampl Type: So <u>RPD</u> 0 | e Du olubi RP Lim 2 Spik |
| Matrix: Solid Analysis Batch: 100346 Chloride Lab Sample ID: LCSD 880-100 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A-1 Matrix: Solid | 0333/3-A | | Added 250 Spike Added | Result 237.7 LCSD Result 238.0 | Qualifier | mg/Kg Cliet | nt Sam | %Rec 95 ple ID: 1 %Rec 95 | Prep %Rec Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID | Type: So ol Sampl Type: So <u></u> 0 : Matrix | e Du olubi RP Lim 2 Spik |
| Matrix: Solid Analysis Batch: 100346 Chloride Lab Sample ID: LCSD 880-100 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A-1 Matrix: Solid | 0333/3-A 1-D MS Sample | Sample Qualifier | Added 250 Spike Added 250 | Result 237.7 LCSD Result 238.0 | Qualifier LCSD Qualifier | mg/Kg Cliet | nt Sam | %Rec 95 ple ID: 1 %Rec 95 | Prep %Rec Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep | Type: So ol Sampl Type: So <u></u> 0 : Matrix | e Du olub olub RP Lim 2 Spik |
| Matrix: Solid Analysis Batch: 100346 Chloride Lab Sample ID: LCSD 880-100 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A-1 Matrix: Solid Analysis Batch: 100346 Analyte | 0333/3-A 1-D MS Sample | - | Added | Result 237.7 LCSD Result 238.0 | Qualifier LCSD Qualifier MS | mg/Kg Clien Unit mg/Kg | | %Rec 95 ple ID: 1 %Rec 95 Client | Prep %Rec Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep %Rec | Type: So ol Sampl Type: So <u></u> 0 : Matrix | e Du olub olub RP Lim 2 Spik |
| Matrix: Solid Analysis Batch: 100346 Chloride Lab Sample ID: LCSD 880-100 Matrix: Solid Analysis Batch: 100346 Chloride Lab Sample ID: 880-53222-A-1 Matrix: Solid Analysis Batch: 100346 | 0333/3-A 1-D MS Sample <u>Result</u> 80.1 1-E MSD | Qualifier | Added 250 Spike Added 250 Spike Added | Result 237.7 LCSD Result 238.0 MS Result | Qualifier LCSD Qualifier MS | Unit Mg/Kg | D | %Rec 95 ple ID: I %Rec 95 Client %Rec 99 | Prep %Rec Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep %Rec Limits 90 - 110 | Type: So DI Sampl Type: So <u>RPD</u> 0 : Matrix Type: So | e Du olub RP Lim 2 Spik olub |
| Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: LCSD 880-100 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A-1 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A-1 | 0333/3-A 1-D MS Sample <u>Result</u> 80.1 | Qualifier | Added 250 Spike Added 250 Spike Added | Result 237.7 LCSD Result 238.0 MS Result 326.8 | Qualifier LCSD Qualifier MS | Unit Mg/Kg | D | %Rec 95 ple ID: I %Rec 95 Client %Rec 99 | Prep %Rec Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep %Rec Limits 90 - 110 | Type: So ol Sampl Type: So <u>RPD</u> 0 : Matrix Type: So | e Du olub RP Lim 2 Spik olub |

QC Association Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-53227-1

SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 100282

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-53227-1 | S-1 (3') | Total/NA | Solid | 8021B | 100311 |
| 880-53227-2 | S-2 (3') | Total/NA | Solid | 8021B | 100311 |
| MB 880-100290/5-A | Method Blank | Total/NA | Solid | 8021B | 100290 |
| MB 880-100311/5-A | Method Blank | Total/NA | Solid | 8021B | 100311 |
| LCS 880-100311/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 100311 |
| LCSD 880-100311/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 100311 |
| 880-53224-A-1-B MS | Matrix Spike | Total/NA | Solid | 8021B | 100311 |
| 880-53224-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 100311 |
| rep Batch: 100290 | | | | | |
| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
| MB 880-100290/5-A | Method Blank | Total/NA | Solid | 5035 | |

Prep Batch: 100311

| 880-53224-A-1-B MS | маттх Spike | Total/INA | Solid | 8021B | 100311 | |
|---------------------|------------------------|-----------|--------|--------|------------|-----|
| 880-53224-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 100311 | 8 |
| Prep Batch: 100290 | | | | | | 0 |
| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch | 3 |
| MB 880-100290/5-A | Method Blank | Total/NA | Solid | 5035 | | |
| Prep Batch: 100311 | | | | | | |
| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch | |
| 880-53227-1 | S-1 (3') | Total/NA | Solid | 5035 | | |
| 880-53227-2 | S-2 (3') | Total/NA | Solid | 5035 | | |
| MB 880-100311/5-A | Method Blank | Total/NA | Solid | 5035 | | 4.2 |
| LCS 880-100311/1-A | Lab Control Sample | Total/NA | Solid | 5035 | | 13 |
| LCSD 880-100311/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | | |
| 880-53224-A-1-B MS | Matrix Spike | Total/NA | Solid | 5035 | | |
| 880-53224-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | | |
| | | | | | | |

Analysis Batch: 100416

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 880-53227-1 | S-1 (3') | Total/NA | Solid | Total BTEX | |
| 880-53227-2 | S-2 (3') | Total/NA | Solid | Total BTEX | |

GC Semi VOA

Prep Batch: 100310

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|-------------|------------|
| 880-53227-1 | S-1 (3') | Total/NA | Solid | 8015NM Prep | |
| 880-53227-2 | S-2 (3') | Total/NA | Solid | 8015NM Prep | |
| MB 880-100310/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-100310/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-100310/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-53219-A-1-B MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-53219-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 100509

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-53227-1 | S-1 (3') | Total/NA | Solid | 8015B NM | 100310 |
| 880-53227-2 | S-2 (3') | Total/NA | Solid | 8015B NM | 100310 |
| MB 880-100310/1-A | Method Blank | Total/NA | Solid | 8015B NM | 100310 |
| LCS 880-100310/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 100310 |
| LCSD 880-100310/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 100310 |
| 880-53219-A-1-B MS | Matrix Spike | Total/NA | Solid | 8015B NM | 100310 |
| 880-53219-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 100310 |

5 6

Prep Type

Total/NA

Total/NA

Prep Type

Soluble

Soluble

Soluble

Soluble

Soluble

Soluble

Soluble

Matrix

Solid

Solid

Matrix

Solid

Solid

Solid

Solid

Solid

Solid

Solid

Client Sample ID

Client Sample ID

S-1 (3')

S-2 (3')

S-1 (3')

S-2 (3')

Method Blank

Matrix Spike

Lab Control Sample

Lab Control Sample Dup

Matrix Spike Duplicate

GC Semi VOA

Lab Sample ID

880-53227-1

880-53227-2

Lab Sample ID

880-53227-1

880-53227-2

MB 880-100333/1-A

LCS 880-100333/2-A

LCSD 880-100333/3-A

880-53222-A-1-D MS

HPLC/IC

Analysis Batch: 100609

Leach Batch: 100333

Prep Batch

Job ID: 880-53227-1 SDG: Lea County, New Mexico

Method

8015 NM

8015 NM

Method

DI Leach

| | 5 |
|-------------|----|
| | 6 |
| Prep Batch | 7 |
| Thep Bateli | 8 |
| | 9 |
| | 10 |
| | |

880-53222-A-1-E MSD

Analysis Batch: 100346

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch | |
|---------------------|------------------------|-----------|--------|--------|------------|--|
| 880-53227-1 | S-1 (3') | Soluble | Solid | 300.0 | 100333 | |
| 880-53227-2 | S-2 (3') | Soluble | Solid | 300.0 | 100333 | |
| MB 880-100333/1-A | Method Blank | Soluble | Solid | 300.0 | 100333 | |
| LCS 880-100333/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 100333 | |
| LCSD 880-100333/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 100333 | |
| 880-53222-A-1-D MS | Matrix Spike | Soluble | Solid | 300.0 | 100333 | |
| 880-53222-A-1-E MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 100333 | |
| | | | | | | |

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Initial

Amount

5.03 g

5 mL

10.01 g

1 uL

5.03 g

50 mL

Final

Amount

5 mL

5 mL

10 mL

1 uL

50 mL

50 mL

Batch

Number

100311

100282

100416

100609

100310

100509

100333

100346

Dil

1

1

1

1

1

Factor

Run

Client Sample ID: S-1 (3') Date Collected: 01/14/25 00:00 Date Received: 01/15/25 09:25

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Soluble

Soluble

Batch

Туре

Prep

Analysis

Analysis

Analysis

Analysis

Analysis

Leach

Client Sample ID: S-2 (3')

Date Collected: 01/14/25 00:00

Prep

Batch

Method

5035

8021B

Total BTEX

8015NM Prep

8015B NM

DI Leach

300.0

8015 NM

Job ID: 880-53227-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-53227-1 Matrix: Solid

Analyst

MNR

MNR

SM

SM

EL

TKC

SI

СН

Lab

EET MID

Prepared

or Analyzed

01/15/25 10:59

01/16/25 01:14

01/16/25 01:14

01/17/25 14:21

01/15/25 10:28

01/17/25 14:21

01/15/25 12:02

01/15/25 22:24

Lab Sample ID: 880-53227-2 Matrix: Solid

rix: Solid

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 100311 | 01/15/25 10:59 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 100282 | 01/16/25 01:34 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 100416 | 01/16/25 01:34 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 100609 | 01/17/25 14:36 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 100310 | 01/15/25 10:28 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 100509 | 01/17/25 14:36 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 100333 | 01/15/25 12:02 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 100346 | 01/15/25 22:29 | СН | EET MID |

Laboratory References:

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

Eurofins Midland

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Accreditation/Certification Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-53227-1 SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

| Ithority | Progran | n | Identification Number | Expiration Date |
|---|---------------------------------------|------------------------------|---|------------------------|
| xas | NELAP | | T104704400 | 06-30-25 |
| The following analyt | es are included in this report, but t | the laboratory is not certif | fied by the governing authority. This lis | t may include analytes |
| for which the agency | does not offer certification. | , | , , , , , , | |
| for which the agency Analysis Method | 1, | Matrix | Analyte | |
| for which the agency | does not offer certification. | , | , , , , , , | |

10

Client: Carmona Resources

11 12 13

Job ID: 880-53227-1 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 |

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

Eurofins Midland

Released to Imaging: 6/9/2025 2:53:19 PM

Sample Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-53227-1 SDG: Lea County, New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|------------------|--------|----------------|----------------|
| 880-53227-1 | S-1 (3') | Solid | 01/14/25 00:00 | 01/15/25 09:25 |
| 880-53227-2 | S-2 (3') | Solid | 01/14/25 00:00 | 01/15/25 09:25 |

Chain of Custody

| | 880-53227 Chain of Custody | |
|--|----------------------------|--|
|--|----------------------------|--|

| Project Manager: | Conner Mo | ehring | | | Bill to: (if | different) | | Grant | Huck | abay & | Addison | Guekler | | | | | Worl | Order | Comme | nts |
|--------------------|--------------|-----------------|-----------------|-----------|--------------|---------------|---------------|--------------|-----------------------|----------------|---------|---------|---------|--|------------|--------|----------|-------|------------------------------------|-------------------------|
| | Carmona F | | | | Compan | | | 1 | Fasken Oil and Ranch | | Pro | oram. I | IST/PS | | | | | | | |
| Company Name: | | | | | Address: | | | - | | y Hill R | | | | Program: UST/PST PRP rownfields State of Project: | | | Villeius | | | |
| Address: | | II St Ste 500 | | | | | - | | | xas 797 | | | | _ | | - | | II Ds | T/UST [| |
| City, State ZIP: | Midland, T | | | | City, Stat | | | | | | 07 | | | | iverable | | | | рт 🗆 | Other: |
| Phone: | 432-813-6 | 823 | | Ema | il: Granth(| a tori.cor | n & add | song | | com | | | | | IVCI ODIC. | | | ADa | | |
| Project Name: | | Ling Federal #3 | Battery | Tur | n Around | | | | _ | | | ANA | LYSIS F | EQUES | Т | | | _ | Pr | eservative Codes |
| roject Number: | | 2622 | | Routine | Rus | h | Pres. Code | | | | | | | | | | | | None: N | IO DI Water: I |
| roject Location | L L | ea County, New | Mexico | Due Date: | Star | ndard | | | | | | | | | | | | | Cool: C | ool MeOH: Me |
| ampler's Name: | | CRM | | | | | | | + MRO) | | | | | | | | | | HCL: H | C HNO3: HN |
| 0#: | | | 6 | | | | 2 | | 2+ | | | | | | | | | | H ₂ S0 ₄ : I | H ₂ NaOH: Na |
| SAMPLE RECE | IPT | Temp-Blank: | Yes No | Wet Ice: | Yes | No | Parameters | 8 | DRC | 0.00 | | | | | | | | | H₃PO₄: | HP |
| eceived Intact: | | Yes No | Thermometer | D: | F | KS. | aran | 802 | ¢ | de 3(| | | | | | | | НОГР | NaHSO | A: NABIS |
| cooler Custody Sea | als: | Yes No NA | Correction Fac | | -() | -1- | ۵. | BTEX 8021B | TPH 8015M (GRO + DRO | Chloride 300.0 | | | | | | | | Ĭ | | 3: NaSO3 |
| ample Custody Se | eals: | Yes No NA) | Temperature F | | -6 | | | ^m | 15M | 5 | | | | | | | | | | ate+NaOH: Zn |
| otal Containers: | | | Corrected Terr | perature: | -0 | X- 4 | | | 180 | | | | | | | | | | NaOH+ | Ascorbic Acid: SAPC |
| Sample Ide | entification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | | TPI | | | | | | | | | | Sa | ample Comments |
| S-1 | (3') | 1/14/202 | 5 | X | | G | 1 | X | Х | X | | | | | | | | | | |
| S-2 | (3') | 1/14/202 | 5 | X | | G | 1 | X | Х | X | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
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| mments: | | | | | | | | | | | | | | | | | | | | |
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| | | Relinquished | by: (Signature) | | | | | Date/ | Time | | | | / F | Received | l by: (Si | gnatur | e) | | | Date/Time |
| | | | | | | | | | | | | 7 | - | | | | | | | 1115 90 |
| | | | | | | | | | | | | 1 | 1 | | | | | | | |

Received by OCD: 3/11/2025 9:56:16 AM

14

Job Number: 880-53227-1

List Source: Eurofins Midland

SDG Number: Lea County, New Mexico

Login Sample Receipt Checklist

Client: Carmona Resources

Login Number: 53227 List Number: 1 Creator: Vasquez, Julisa

| 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 | |
| | | |

N/A

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Carmona Carmona Resources 310 W Wall St Ste 500 Midland, Texas 79701 Generated 1/17/2025 5:40:00 PM

JOB DESCRIPTION

Ling Federal #3 Battery Lea County, New Mexico

JOB NUMBER

880-53223-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701







Eurofins Midland

Job Notes

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

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

Authorization

AMER

Generated 1/17/2025 5:40:00 PM

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

Eurofins Midland is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

Laboratory Job ID: 880-53223-1 SDG: Lea County, New Mexico

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Job ID: 880-53223-1 SDG: Lea County, New Mexico

Qualifiers

LOD

LOQ

MCL

MDA

MDC

MDL

MQL NC

ND

NEG

POS

PQL

QC RER

RL

RPD

TEF

TEQ

TNTC

PRES

ML MPN Limit of Detection (DoD/DOE)

Method Detection Limit Minimum Level (Dioxin)

Most Probable Number Method Quantitation Limit

Not Calculated

Negative / Absent

Positive / Present

Presumptive Quality Control

Practical Quantitation Limit

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Limit of Quantitation (DoD/DOE)

EPA recommended "Maximum Contaminant Level"

Minimum Detectable Concentration (Radiochemistry)

Not Detected at the reporting limit (or MDL or EDL if shown)

Minimum Detectable Activity (Radiochemistry)

| Qualifiers | | - 3 |
|----------------|---|-----|
| GC VOA | | |
| Qualifier | Qualifier Description | _ 4 |
| S1+ | Surrogate recovery exceeds control limits, high biased. | |
| U | Indicates the analyte was analyzed for but not detected. | 5 |
| GC Semi VOA | х | |
| Qualifier | Qualifier Description | 6 |
| F1 | MS and/or MSD recovery exceeds control limits. | - |
| U | Indicates the analyte was analyzed for but not detected. | |
| HPLC/IC | | |
| Qualifier | Qualifier Description | 8 |
| U | Indicates the analyte was analyzed for but not detected. | |
| Glossary | | - 9 |
| Abbreviation | These commonly used abbreviations may or may not be present in this report. | 10 |
| ¢ | 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) | 19 |
| 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) | |
| | | |

Case Narrative

Client: Carmona Resources Project: Ling Federal #3 Battery

Job ID: 880-53223-1

Job ID: 880-53223-1

Eurofins Midland

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

Job Narrative

880-53223-1

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

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

Receipt

The samples were received on 1/15/2025 8:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (4') (880-53223-1) and S-2 (4') (880-53223-2).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-1 (4') (880-53223-1). Evidence of matrix interferences is not obvious.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: S-1 (4') (880-53223-1). Elevated reporting limits (RLs) are provided.

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

Diesel Range Organics

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-100310 and analytical batch 880-100509 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

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

Eurofins Midland

Project/Site: Ling Federal #3 Battery

5

Job ID: 880-53223-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-53223-1

Matrix: Solid

Client Sample ID: S-1 (4') Date Collected: 01/14/25 00:00 Date Received: 01/15/25 08:25

Client: Carmona Resources

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
|---|--------------------------|--------------|----------|-----|-------|---|-------------------------|-------------------------|---------|
| Benzene | <0.0504 | U | 0.0504 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 04:51 | 2 |
| Toluene | < 0.0504 | U | 0.0504 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 04:51 | 2 |
| Ethylbenzene | <0.0504 | U | 0.0504 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 04:51 | 2 |
| m-Xylene & p-Xylene | <0.101 | U | 0.101 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 04:51 | 2 |
| p-Xylene | <0.0504 | U | 0.0504 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 04:51 | 2 |
| Xylenes, Total | <0.101 | U | 0.101 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 04:51 | 2 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
| 4-Bromofluorobenzene (Surr) | 138 | S1+ | 70 - 130 | | | | 01/15/25 09:58 | 01/16/25 04:51 | 2 |
| 1,4-Difluorobenzene (Surr) | 104 | | 70 - 130 | | | | 01/15/25 09:58 | 01/16/25 04:51 | 2 |
| Method: TAL SOP Total BTEX - 1 | Total BTEX Cal | culation | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Total BTEX | <0.101 | U | 0.101 | | mg/Kg | | | 01/16/25 04:51 | |
| Method: SW846 8015 NM - Diese | el Range Organ | ics (DRO) (| GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 01/17/25 12:32 | |
| Method: SW846 8015B NM - Dies | sel Range Orga | nics (DRO) | (GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Gasoline Range Organics GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 12:32 | |
| Diesel Range Organics (Over | <49.9 | U | 49.9 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 12:32 | |
| C10-C28) Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 12:32 | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
| 1-Chlorooctane | 90 | | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 12:32 | |
| p-Terphenyl | 85 | | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 12:32 | |
| Method: EPA 300.0 - Anions, Ion | Chromatograp | ohy - Solubl | е | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Chloride | 79.6 | | 9.96 | | mg/Kg | | | 01/15/25 21:38 | |
| lient Sample ID: S-2 (4') | | | | | | | Lab Sam | ple ID: 880-5 | 3223- |
| ate Collected: 01/14/25 00:00 ate Received: 01/15/25 08:25 | | | | | | | | Matri | x: Soli |
| Method: SW846 8021B - Volatile | Organic Comp | ounds (GC) | | | | | | | |
| Analyte | • • | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 04:30 | |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 04:30 | |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 04:30 | |
| n-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 04:30 | |
| o-Xylene | 0.00666 | | 0.00200 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 04:30 | |
| Kylenes, Total | 0.00666 | | 0.00399 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 04:30 | |
| | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
| Surrogate 4-Bromofluorobenzene (Surr) | % Recovery 124 | Qualifier | Limits | | | | Prepared 01/15/25 09:58 | Analyzed 01/16/25 04:30 | Dil Fa |

Eurofins Midland

1/17/2025

Project/Site: Ling Federal #3 Battery

Matrix: Solid

Client Sample Results

Job ID: 880-53223-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-53223-2

Client Sample ID: S-2 (4')

Client: Carmona Resources

Date Collected: 01/14/25 00:00 Date Received: 01/15/25 08:25

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|---------------|-------------|----------|-----|-------|---|----------------|----------------|---------|
| Total BTEX | 0.00666 | | 0.00399 | | mg/Kg | | | 01/16/25 04:30 | 1 |
| Method: SW846 8015 NM - Diesel | Range Organ | ics (DRO) (| GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 01/17/25 12:47 | 1 |
| Method: SW846 8015B NM - Dies | el Range Orga | nics (DRO) | (GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <50.0 | U | 50.0 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 12:47 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <50.0 | U | 50.0 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 12:47 | 1 |
| C10-C28) | | | | | | | | | |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 12:47 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 76 | | 70 _ 130 | | | | 01/15/25 10:28 | 01/17/25 12:47 | 1 |
| o-Terphenyl | 70 | | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 12:47 | 1 |
| | | | | | | | | | |
| Method: EPA 300.0 - Anions, Ion | | - | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 101 | | 10.1 | | mg/Kg | | | 01/15/25 21:55 | 1 |

Prep Type: Total/NA

Method: 8021B - Volatile Organic Compounds (GC) Matrix: Solid

| | | | | Percent Surrogate Recovery (Acceptance Limits) |
|----------------------|------------------------|----------|----------|--|
| | | BFB1 | DFBZ1 | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | |
| 880-53210-A-11-A MS | Matrix Spike | 116 | 100 | |
| 880-53210-A-11-B MSD | Matrix Spike Duplicate | 121 | 100 | |
| 880-53223-1 | S-1 (4') | 138 S1+ | 104 | |
| 880-53223-2 | S-2 (4') | 124 | 103 | |
| LCS 880-100301/1-A | Lab Control Sample | 118 | 100 | |
| LCSD 880-100301/2-A | Lab Control Sample Dup | 121 | 101 | |
| MB 880-100289/5-A | Method Blank | 117 | 98 | |
| MB 880-100301/5-A | Method Blank | 120 | 98 | |

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

| | | 1CO1 | OTPH1 |
|---------------------|------------------------|----------|----------|
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) |
| 880-53219-A-1-B MS | Matrix Spike | 83 | 84 |
| 880-53219-A-1-C MSD | Matrix Spike Duplicate | 84 | 83 |
| 880-53223-1 | S-1 (4') | 90 | 85 |
| 880-53223-2 | S-2 (4') | 76 | 70 |
| LCS 880-100310/2-A | Lab Control Sample | 77 | 78 |
| LCSD 880-100310/3-A | Lab Control Sample Dup | 105 | 88 |
| MB 880-100310/1-A | Method Blank | 112 | 109 |

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Method: 8021B - Volatile Organic Compounds (GC)

| Lab Sample ID: MB 880-100289/ | 5-A | | | | | | | | | Client Sa | mple ID: M | | |
|-------------------------------|-----------------|-----------|----------------------|--------|-----|--------|-------|-----|-------|-----------------------|-------------------------|---------|--------------|
| Matrix: Solid | | | | | | | | | | | Prep Ty | pe: To | tal/NA |
| Analysis Batch: 100283 | | | | | | | | | | | Prep Ba | atch: 1 | 00289 |
| | MB | MB | | | | | | | | | | | |
| Analyte | Result | Qualifier | RL | | MDL | Unit | | D | P | repared | Analyze | d | Dil Fac |
| Benzene | <0.00200 | U | 0.00200 | | | mg/Kg | | | 01/1 | 5/25 08:27 | 01/15/25 11 | :27 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | | mg/Kg | | | 01/1 | 5/25 08:27 | 01/15/25 11 | :27 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | | mg/Kg | | | 01/1 | 5/25 08:27 | 01/15/25 11 | :27 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | | mg/Kg | | | 01/1 | 5/25 08:27 | 01/15/25 11 | :27 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | | mg/Kg | | | 01/1 | 5/25 08:27 | 01/15/25 11 | :27 | 1 |
| Xylenes, Total | < 0.00400 | U | 0.00400 | | | mg/Kg | | | 01/1 | 5/25 08:27 | 01/15/25 11 | :27 | 1 |
| | | MD | | | | | | | | | | | |
| Surrogata | ME % Bassyon | | Limito | | | | | | D | roporod | Analuza | ~ | |
| Surrogate | %Recovery | | Limits 70 _ 130 | | | | | | | repared 5/25 08:27 | Analyzee 01/15/25 11 | | Dil Fac 1 |
| 4-Bromofluorobenzene (Surr) | | | | | | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 98 | i | 70 - 130 | | | | | | 01/1 | 5/25 08:27 | 01/15/25 11 | :27 | 1 |
| Lab Sample ID: MB 880-100301/ | 5-A | | | | | | | | | Client Sa | mple ID: M | ethod | Blank |
| Matrix: Solid | | | | | | | | | | | Prep Ty | pe: To | tal/NA |
| Analysis Batch: 100283 | | | | | | | | | | | Prep Ba | atch: 1 | 00301 |
| - | MB | MB | | | | | | | | | | | |
| Analyte | Result | Qualifier | RL | | MDL | Unit | | D | P | repared | Analyze | d | Dil Fac |
| Benzene | <0.00200 | U | 0.00200 | | | mg/Kg | | _ | 01/1 | 5/25 09:58 | 01/15/25 22 | 2:24 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | | mg/Kg | | | 01/1 | 5/25 09:58 | 01/15/25 22 | 2:24 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | | mg/Kg | | | 01/1 | 5/25 09:58 | 01/15/25 22 | 2:24 | 1 |
| m-Xylene & p-Xylene | <0.00400 | | 0.00400 | | | mg/Kg | | | 01/1 | 5/25 09:58 | 01/15/25 22 | :24 | 1 |
| o-Xylene | < 0.00200 | | 0.00200 | | | mg/Kg | | | | 5/25 09:58 | 01/15/25 22 | | 1 |
| Xylenes, Total | < 0.00400 | | 0.00400 | | | mg/Kg | | | | 5/25 09:58 | 01/15/25 22 | | 1 |
| | 0.00100 | 0 | 0.001.00 | | | | | | 0.7.1 | 0,20 00.00 | 0 11 10/20 22 | | |
| | ME | МВ | | | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | P | repared | Analyze | d | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 120 |) | 70 - 130 | | | | | | 01/1 | 5/25 09:58 | 01/15/25 22 | 2:24 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | 1 | 70 - 130 | | | | | | 01/1 | 5/25 09:58 | 01/15/25 22 | 2:24 | 1 |
| Γ | | | | | | | | _ | | | | | |
| Lab Sample ID: LCS 880-100301 | /1-A | | | | | | | С | lient | Sample I | D: Lab Cor | | |
| Matrix: Solid | | | | | | | | | | | Prep Ty | - | |
| Analysis Batch: 100283 | | | | | | | | | | | Prep Ba | atch: 1 | 00301 |
| | | | Spike | | LCS | | | | | | %Rec | | |
| Analyte | | | Added | Result | Qua | | Unit | | | %Rec | Limits | | |
| Benzene | | | 0.100 | 0.1129 | | | mg/Kg | | | 113 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.1113 | | | mg/Kg | | | 111 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1094 | | | mg/Kg | | | 109 | 70 - 130 | | |
| m-Xylene & p-Xylene | | | 0.200 | 0.2236 | | | mg/Kg | | | 112 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1152 | | | mg/Kg | | | 115 | 70 - 130 | | |
| | LCS LC | 2 | | | | | | | | | | | |
| Surrogate | %Recovery Qu | | Limits | | | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 118 | | 70 - 130 | | | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 70 - 130 | | | | | | | | | | |
| | 100 | | 10-150 | | | | | | | | | | |
| Lab Sample ID: LCSD 880-10030 |)1/2-A | | | | | | Cli | ent | Sam | ple ID: La | ab Control | Samp | le Dup |
| Matrix: Solid | | | | | | | | | | | Prep Ty | pe: To | tal/NA |
| Analysis Batch: 100283 | | | | | | | | | | | Prep Ba | - | |
| | | | Spike | LCSD | LCS | D | | | | | %Rec | | RPD |
| Analyte | | | Added | Result | Qua | lifier | Unit | | D | %Rec | Limits | RPD | Limit |
| Benzene | | | 0.100 | 0.1151 | | | mg/Kg | | | 115 | 70 - 130 | 2 | 35 |

Released to Imaging: 6/9/2025 2:53:19 PM

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-53223-1 SDG: Lea County, New Mexico

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

| Lab Sample ID: LCSD 880-1 Matrix: Solid | | | | | | | | | Lab Contro Prep 1 | Гуре: То | |
|--|------------|---------------------|----------------|--------|-----------|-----------|---------|-------------|----------------------|-----------------|---------|
| Analysis Batch: 100283 | | | | | | | | | | Batch: 1 | |
| Analysis Batch. 100200 | | | Spike | LCSD | LCSD | | | | %Rec | Baten. I | RPD |
| Analyte | | | Added | | Qualifier | Unit | D | %Rec | Limits | RPD | Limi |
| Toluene | | | 0.100 | 0.1124 | | mg/Kg | | 112 | 70 - 130 | 1 | 35 |
| Ethylbenzene | | | 0.100 | 0.1107 | | mg/Kg | | 111 | 70 - 130 | 1 | 35 |
| m-Xylene & p-Xylene | | | 0.200 | 0.2262 | | mg/Kg | | 113 | 70 - 130 | | 35 |
| o-Xylene | | | 0.100 | 0.1163 | | mg/Kg | | 116 | 70 - 130 | 1 | 35 |
| | I CSD | LCSD | | | | | | | | | |
| Surrogate | %Recovery | | Limits | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | | | 70 - 130 | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 - 130 | | | | | | | | |
| | | | | | | | | | | | |
| Lab Sample ID: 880-53210-/ | A-11-A MS | | | | | | | Client | Sample ID | : Matrix | Spike |
| Matrix: Solid | | | | | | | | | Prep 1 | Гуре: To | tal/N/ |
| Analysis Batch: 100283 | | | | | | | | | Prep I | Batch: 1 | 0030 |
| | Sample | Sample | Spike | MS | MS | | | | %Rec | | |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | | |
| Benzene | <0.00199 | U | 0.0992 | 0.1080 | | mg/Kg | | 109 | 70 - 130 | | |
| Toluene | <0.00199 | U | 0.0992 | 0.1057 | | mg/Kg | | 107 | 70 - 130 | | |
| Ethylbenzene | <0.00199 | U | 0.0992 | 0.1033 | | mg/Kg | | 104 | 70 - 130 | | |
| m-Xylene & p-Xylene | <0.00398 | U | 0.198 | 0.2086 | | mg/Kg | | 105 | 70 - 130 | | |
| o-Xylene | <0.00199 | U | 0.0992 | 0.1069 | | mg/Kg | | 108 | 70 - 130 | | |
| | MS | MS | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 116 | | 70 - 130 | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | | | | | | | | |
| Lab Sample ID: 880-53210-/ | A-11-B MSD | | | | | CI | ient Sa | ample IC |): Matrix Sp | oike Dur | olicate |
| | | | | | | | | | | Гуре: То | |
| Matrix: Solid | | | | | | | | | | Batch: 1 | |
| Matrix: Solid Analysis Batch: 100283 | | | | | MSD | | | | %Rec | | |
| Matrix: Solid Analysis Batch: 100283 | Sample | Sample | Spike | MSD | IVISD | | | | %Rec | | RPD |
| | • | Sample Qualifier | Spike Added | | Qualifier | Unit | D | %Rec | Limits | RPD | Limi |
| Analysis Batch: 100283 | • | Qualifier | • | | | mg/Kg | D | %Rec 110 | | RPD 2 | |

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

<0.00199 U

<0.00398 U

<0.00199 U

MSD MSD

%Recovery Qualifier

121

100

| Lab Sample ID: MB 880-100310/1-A Matrix: Solid Analysis Batch: 100509 | МВ | МВ | | | | | Client Sa | mple ID: Metho Prep Type: ⁻ Prep Batch: | Total/NA |
|---|---------------------|-----------|-------------------|-----|---------------|----------|-------------------------|--|--------------|
| Analyte Gasoline Range Organics (GRO)-C6-C10 | Result <50.0 | Qualifier | RL 50.0 | MDL | Unit mg/Kg | <u> </u> | Prepared 01/15/25 10:28 | Analyzed 01/17/25 04:57 | Dil Fac 1 |

0.100

0.201

0.100

Limits

70 - 130

70 - 130

0.1055

0.2131

0.1092

mg/Kg

mg/Kg

mg/Kg

105

106

109

70 - 130

70 - 130

70 - 130

Eurofins Midland

2

2

2

35

35

35

Ethylbenzene

o-Xylene

Surrogate

m-Xylene & p-Xylene

4-Bromofluorobenzene (Surr)

1,4-Difluorobenzene (Surr)

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-53223-1

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SDG: Lea County, New Mexico

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

| Lab Sample ID: MB 880-10031 Matrix: Solid | 0/1 -A | | | | | | | | | Client Sa | mple ID: | | |
|--|---------------|--------------------|------------|-------|--------|---------|--------|----|--------|------------|-----------|---------|--------------------------|
| | | | | | | | | | | | | | otal/N/ |
| Analysis Batch: 100509 | | MB MB | | | | | | | | | Prep | Batch: | 100310 |
| Analyte | | MB MB sult Qual | lifier | RL | MDL | Unit | | D | Р | repared | Analyz | zed | Dil Fa |
| Diesel Range Organics (Over | | 50.0 U | | 50.0 | | mg/K | a | | | 5/25 10:28 | 01/17/25 | | |
| C10-C28) | | | | 0010 | | | 9 | | • ., . | 0,20 10.20 | 01/11/20 | 0 | |
| Oil Range Organics (Over C28-C36) | <5 | 50.0 U | | 50.0 | | mg/K | g | | 01/1 | 5/25 10:28 | 01/17/25 | 04:57 | |
| | | мв мв | | | | | | | | | | | |
| Surrogate | | very Qual | lifier Lin | nits | | | | | Р | repared | Analyz | zed | Dil Fa |
| 1-Chlorooctane | | 112 | 70 | - 130 | | | | - | 01/1 | 5/25 10:28 | 01/17/25 | | |
| o-Terphenyl | | 109 | 70 | . 130 | | | | | 01/1 | 5/25 10:28 | 01/17/25 | 04:57 | |
| | | | | | | | | | | | | | <u> </u> |
| Lab Sample ID: LCS 880-1003 | 10/2-A | | | | | | | CI | ient | Sample | ID: Lab C | | - |
| Matrix: Solid | | | | | | | | | | | | | fotal/NA |
| Analysis Batch: 100509 | | | Spike | 10 | S LCS | | | | | | %Rec | | 100310 |
| Analyte | | | Added | | it Qua | | Unit | | D | %Rec | Limits | | |
| Gasoline Range Organics | | | Added | 833. | | annei | mg/Kg | | _ | 83 | 70 - 130 | | |
| (GRO)-C6-C10 | | | 1000 | 033. | 0 | | mg/rxy | | | 00 | 10-100 | | |
| Diesel Range Organics (Over | | | 1000 | 775. | 7 | | mg/Kg | | | 78 | 70 - 130 | | |
| C10-C28) | | | | | | | | | | | | | |
| | LCS | LCS | | | | | | | | | | | |
| Surrogate | %Recovery | | Limits | | | | | | | | | | |
| 1-Chlorooctane | 77 | | 70 - 130 | _ | | | | | | | | | |
| o-Terphenyl | 78 | | 70 - 130 | | | | | | | | | | |
| Matrix: Solid Analysis Batch: 100509 | | | Spike | 201 | D LCS | 20 | | | | | | | otal/N/ 100310 RPI |
| Analyte | | | Added | | lt Qua | | Unit | | D | %Rec | Limits | RPD | |
| Gasoline Range Organics | | | 1000 | 894. | | | mg/Kg | | _ | 89 | 70 - 130 | 7 | |
| (GRO)-C6-C10 | | | | | | | 0 0 | | | | | | |
| Diesel Range Organics (Over | | | 1000 | 791. | 7 | | mg/Kg | | | 79 | 70 - 130 | 2 | 2 20 |
| C10-C28) | | | | | | | | | | | | | |
| | LCSD | LCSD | | | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | _ | | | | | | | | | |
| 1-Chlorooctane | 105 | | 70 - 130 | - | | | | | | | | | |
| o-Terphenyl | 88 | | 70 - 130 | | | | | | | | | | |
| Lab Sample ID: 880-53219-A-1 | -B MS | | | | | | | | | Client | Sample ID | • Matri | v Snike |
| Matrix: Solid | 5 110 | | | | | | | | | Sherit c | | | otal/N/ |
| Analysis Batch: 100509 | | | | | | | | | | | | | 10031 |
| | Sample | Sample | Spike | м | S MS | | | | | | %Rec | | |
| Analyte | - | Qualifier | Added | | lt Qua | alifier | Unit | | D | %Rec | Limits | | |
| Gasoline Range Organics | <49.9 | | 995 | | 6 F1 | | mg/Kg | | _ | 67 | 70 - 130 | | |
| (GRO)-C6-C10 | | | | | | | | | | | | | |
| Diesel Range Organics (Over C10-C28) | <49.9 | U F1 | 995 | 687. | 4 F1 | | mg/Kg | | | 69 | 70 - 130 | | |
| | MS | MS | | | | | | | | | | | |
| Surrogate | %Recovery | | Limits | | | | | | | | | | |
| 1-Chlorooctane | 83 | | 70 - 130 | _ | | | | | | | | | |
| | | | | | | | | | | | | | |

84

o-Terphenyl

70 - 130

Job ID: 880-53223-1 SDG: Lea County, New Mexico

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

| Matrix: Solid | -1-C MSD | | | | | | | pic it |): Matrix Sp Prop 1 | Type: Tot | |
|---|---|---------------------|--|---|---|--------------------------------|----------|--|---|---|--|
| Matrix: Solid | | | | | | | | | | | |
| Analysis Batch: 100509 | Sample | Sample | Spike | Men | MSD | | | | %Rec | Batch: 1 | RPI |
| Analyte | | Qualifier | Added | | Qualifier | Unit | D | %Rec | Limits | RPD | Limi |
| Gasoline Range Organics | - Kesuit <49.9 | | | 660.7 | | | <u> </u> | 66 | 70 - 130 | 1 | 2 |
| (GRO)-C6-C10 | <49.9 | UFI | 990 | 000.7 | FI | mg/Kg | | 00 | 70 - 130 | I | 2 |
| Diesel Range Organics (Over | <49.9 | U F1 | 995 | 671.3 | F1 | mg/Kg | | 67 | 70 - 130 | 2 | 2 |
| C10-C28) | | | | | | 5 5 | | | | | |
| | | | | | | | | | | | |
| • • • | MSD | | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 84 | | 70 - 130 70 - 130 | | | | | | | | |
| o-Terphenyl | 83 | | 70 - 130 | | | | | | | | |
| ethod: 300.0 - Anions, lo Lab Sample ID: MB 880-1003 Matrix: Solid | | ography | | | | | | Client S | ample ID: Prep | Method Type: So | |
| Analysis Batch: 100346 | | | | | | | | | | | |
| | | MB MB | | | | | | | | | |
| Analyte | | esult Qualifier | | | MDL Unit | | D P | repared | Analyz | | Dil Fa |
| Chloride | < | :10.0 U | | 10.0 | mg/K | g | | | 01/15/25 | 19:39 | |
| | | | | | | | | | | | |
| - | | | Spike | | LCS | | | | %Rec | | |
| Analyte | | | Added | Result | LCS Qualifier | Unit | <u>D</u> | %Rec | Limits | · | |
| nalyte | | | | | | Unit mg/Kg | D | %Rec 95 | | | |
| Analyte Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid | 0333/3-A | | Added | Result | | mg/Kg | | 95 | Limits 90 - 110 Lab Contro | ol Sample Type: Se | |
| Analyte Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid | 0333/3-A | | Added | Result 237.7 | Qualifier | mg/Kg | | 95 | Limits 90 - 110 Lab Contro Prep | | olub |
| Analyte Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 | 0333/3-A | | Added 250 - | Result 237.7 LCSD | Qualifier | mg/Kg Clie | nt Sam | 95 | Limits 90 - 110 Lab Contro Prep %Rec | Type: So | olub RP |
| Analyte Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte | 0333/3-A | | Added 250 Spike Added | Result 237.7 LCSD Result | Qualifier | mg/Kg Clie Unit | | 95 Iple ID: %Rec | Limits 90 - 110 Lab Contro Prep %Rec Limits | Type: So | olub RP Lim |
| Analyte Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte | 0333/3-A | | Added 250 - | Result 237.7 LCSD | Qualifier | mg/Kg Clie | nt Sam | 95 | Limits 90 - 110 Lab Contro Prep %Rec | Type: So | olubi RP Lim |
| Analyte Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride | | | Added 250 Spike Added | Result 237.7 LCSD Result | Qualifier | mg/Kg Clie Unit | nt Sam | 95 ple ID: %Rec 95 | Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 | Type: So | olub RP Lim |
| Analyte Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A- | | | Added 250 Spike Added | Result 237.7 LCSD Result | Qualifier | mg/Kg Clie Unit | nt Sam | 95 ple ID: %Rec 95 | Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID | Type: So RPD 0 | olub RP Lim 2 Spik |
| Analyte Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A- Matrix: Solid | | | Added 250 Spike Added | Result 237.7 LCSD Result | Qualifier | mg/Kg Clie Unit | nt Sam | 95 ple ID: %Rec 95 | Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID | Type: So | olubi RP Lim 2 Spik |
| Analysis Batch: 100346 Analyte Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Chloride Lab Sample ID: 880-53222-A- Matrix: Solid Analysis Batch: 100346 | -1-D MS | | Added 250 Spike Added 250 | Result 237.7 LCSD Result 238.0 | Qualifier LCSD Qualifier | mg/Kg Clie Unit | nt Sam | 95 ple ID: %Rec 95 | Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep | Type: So RPD 0 | olubl RP Lim 2 Spik |
| Analyte Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A- Matrix: Solid Analysis Batch: 100346 | | - | Added 250 Spike Added 250 Spike | Result 237.7 LCSD Result 238.0 | Qualifier LCSD Qualifier MS | mg/Kg Clie Unit mg/Kg | | 95 mple ID: 1 %Rec 95 Client | Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep %Rec | Type: So RPD 0 | olubl RP Lim 2 Spik |
| Analyte Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A- Matrix: Solid Analysis Batch: 100346 Analyte | -1-D MS Sample Result | Sample Qualifier | Added 250 Spike Added 250 Spike Added | Result 237.7 LCSD Result 238.0 MS Result | Qualifier LCSD Qualifier | mg/Kg Clie Unit mg/Kg | nt Sam | 95 pple ID: 1 %Rec 95 Client %Rec | Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep %Rec Limits | Type: So RPD 0 | olub RP Lim 2 Spik |
| Analyte Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A- Matrix: Solid Analysis Batch: 100346 Analyte | | - | Added 250 Spike Added 250 Spike | Result 237.7 LCSD Result 238.0 | Qualifier LCSD Qualifier MS | mg/Kg Clie Unit mg/Kg | | 95 mple ID: 1 %Rec 95 Client | Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep %Rec | Type: So RPD 0 | olub RF Lin 2 Spik |
| Analyte Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A- Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A- | -1-D MS Sample Result 80.1 | - | Added 250 Spike Added 250 Spike Added | Result 237.7 LCSD Result 238.0 MS Result | Qualifier LCSD Qualifier MS | Unit mg/Kg | D | 95 pple ID: %Rec 95 Client %Rec 99 | Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep %Rec Limits 90 - 110 2: Matrix Sp | Type: So <u>RPD</u> 0 : Matrix Type: So | olub RF Lim Spik olub |
| Analyte Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A- Matrix: Solid Analyte Chloride Lab Sample ID: 880-53222-A- Matrix: Solid | -1-D MS Sample Result 80.1 | - | Added 250 Spike Added 250 Spike Added | Result 237.7 LCSD Result 238.0 MS Result | Qualifier LCSD Qualifier MS | Unit mg/Kg | D | 95 pple ID: %Rec 95 Client %Rec 99 | Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep %Rec Limits 90 - 110 2: Matrix Sp | RPD 0 : Matrix Type: So | olubi RP Lim 2 Spik olubi |
| Analyte Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A- Matrix: Solid | -1-D MS Sample <u>Result</u> 80.1 | - | Added 250 Spike Added 250 Spike Added | Result 237.7 LCSD Result 238.0 MS Result 326.8 | Qualifier LCSD Qualifier MS | Unit mg/Kg | D | 95 pple ID: %Rec 95 Client %Rec 99 | Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep %Rec Limits 90 - 110 2: Matrix Sp | Type: So <u>RPD</u> 0 : Matrix Type: So | olubi RP Lim 2 Spik olubi |
| Analyte Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A- Matrix: Solid Analyte Chloride Lab Sample ID: 880-53222-A- Matrix: Solid | -1-D MS Sample Result 80.1 -1-E MSD Sample | Qualifier | Added 250 Spike Added 250 Spike Added 250 | Result 237.7 LCSD Result 238.0 MS Result 326.8 | Qualifier LCSD Qualifier MS Qualifier | Unit mg/Kg | D | 95 pple ID: %Rec 95 Client %Rec 99 | Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep %Rec Limits 90 - 110 D: Matrix Sp Prep | Type: So <u>RPD</u> 0 : Matrix Type: So | Spik olubl |

QC Association Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Job ID: 880-53223-1 SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 100283

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 880-53223-1 | S-1 (4') | Total/NA | Solid | 8021B | 100301 |
| 880-53223-2 | S-2 (4') | Total/NA | Solid | 8021B | 100301 |
| MB 880-100289/5-A | Method Blank | Total/NA | Solid | 8021B | 100289 |
| MB 880-100301/5-A | Method Blank | Total/NA | Solid | 8021B | 100301 |
| LCS 880-100301/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 100301 |
| LCSD 880-100301/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 100301 |
| 880-53210-A-11-A MS | Matrix Spike | Total/NA | Solid | 8021B | 100301 |
| 880-53210-A-11-B MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 100301 |
| rep Batch: 100289 | | | | | |
| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
| MB 880-100289/5-A | Method Blank | Total/NA | Solid | 5035 | |

Prep Batch: 100301

| 880-53210-A-11-A MS | Matrix Spike | Iotal/INA | Solid | 8021B | 100301 | |
|----------------------|------------------------|-----------|--------|--------|------------|----|
| 880-53210-A-11-B MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 100301 | 8 |
| Prep Batch: 100289 | | | | | | 0 |
| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch | 3 |
| MB 880-100289/5-A | Method Blank | Total/NA | Solid | 5035 | | 10 |
| Prep Batch: 100301 | | | | | | |
| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch | 11 |
| 880-53223-1 | S-1 (4') | Total/NA | Solid | 5035 | | 40 |
| 880-53223-2 | S-2 (4') | Total/NA | Solid | 5035 | | |
| MB 880-100301/5-A | Method Blank | Total/NA | Solid | 5035 | | 40 |
| LCS 880-100301/1-A | Lab Control Sample | Total/NA | Solid | 5035 | | 13 |
| LCSD 880-100301/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | | |
| 880-53210-A-11-A MS | Matrix Spike | Total/NA | Solid | 5035 | | 14 |
| 880-53210-A-11-B MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | | |
| | | | | | | |

Analysis Batch: 100427

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 880-53223-1 | S-1 (4') | Total/NA | Solid | Total BTEX | |
| 880-53223-2 | S-2 (4') | Total/NA | Solid | Total BTEX | |

GC Semi VOA

Prep Batch: 100310

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|-------------|------------|
| 880-53223-1 | S-1 (4') | Total/NA | Solid | 8015NM Prep | |
| 880-53223-2 | S-2 (4') | Total/NA | Solid | 8015NM Prep | |
| MB 880-100310/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-100310/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-100310/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-53219-A-1-B MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-53219-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 100509

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-53223-1 | S-1 (4') | Total/NA | Solid | 8015B NM | 100310 |
| 880-53223-2 | S-2 (4') | Total/NA | Solid | 8015B NM | 100310 |
| MB 880-100310/1-A | Method Blank | Total/NA | Solid | 8015B NM | 100310 |
| LCS 880-100310/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 100310 |
| LCSD 880-100310/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 100310 |
| 880-53219-A-1-B MS | Matrix Spike | Total/NA | Solid | 8015B NM | 100310 |
| 880-53219-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 100310 |

5 6

Job ID: 880-53223-1

SDG: Lea County, New Mexico

GC Semi VOA

Analysis Batch: 100607

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 880-53223-1 | S-1 (4') | Total/NA | Solid | 8015 NM | |
| 880-53223-2 | S-2 (4') | Total/NA | Solid | 8015 NM | |

HPLC/IC

Leach Batch: 100333

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-53223-1 | S-1 (4') | Soluble | Solid | DI Leach | 8 |
| 880-53223-2 | S-2 (4') | Soluble | Solid | DI Leach | 0 |
| MB 880-100333/1-A | Method Blank | Soluble | Solid | DI Leach | 0 |
| LCS 880-100333/2-A | Lab Control Sample | Soluble | Solid | DI Leach | 3 |
| LCSD 880-100333/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-53222-A-1-D MS | Matrix Spike | Soluble | Solid | DI Leach | |
| 880-53222-A-1-E MSD | Matrix Spike Duplicate | Soluble | Solid | DI Leach | |

Analysis Batch: 100346

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch | |
|---------------------|------------------------|-----------|--------|--------|------------|--|
| 880-53223-1 | S-1 (4') | Soluble | Solid | 300.0 | 100333 | |
| 000-00220-1 | 5-1 (4) | Soluble | 30110 | 500.0 | 100333 | |
| 880-53223-2 | S-2 (4') | Soluble | Solid | 300.0 | 100333 | |
| MB 880-100333/1-A | Method Blank | Soluble | Solid | 300.0 | 100333 | |
| LCS 880-100333/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 100333 | |
| LCSD 880-100333/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 100333 | |
| 880-53222-A-1-D MS | Matrix Spike | Soluble | Solid | 300.0 | 100333 | |
| 880-53222-A-1-E MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 100333 | |
| | | | | | | |

5

Initial

Amount

4.96 g

5 mL

10.03 g

1 uL

5.02 g

50 mL

Final

Amount

5 mL

5 mL

10 mL

1 uL

50 mL

50 mL

Batch

Number

100301

100283

100427

100607

100310

100509

100333

100346

Dil

25

1

1

1

1

Factor

Run

Client Sample ID: S-1 (4') Date Collected: 01/14/25 00:00 Date Received: 01/15/25 08:25

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Soluble

Soluble

Batch

Туре

Prep

Analysis

Analysis

Analysis

Analysis

Analysis

Leach

Client Sample ID: S-2 (4')

Prep

Batch

Method

5035

8021B

Total BTEX

8015NM Prep

8015B NM

DI Leach

300.0

8015 NM

Job ID: 880-53223-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-53223-1 Matrix: Solid

Analyst

MNR

MNR

SM

SM

FL

TKC

SI

СН

Lab

EET MID

Prepared

or Analyzed

01/15/25 09:58

01/16/25 04:51

01/16/25 04:51

01/17/25 12:32

01/15/25 10:28

01/17/25 12:32

01/15/25 12:02

01/15/25 21:38

5 9

Lab Sample ID: 880-53223-2 Matrix: Solid

| | l: 01/14/25 00:0 : 01/15/25 08:2 | - | | | | | | - | | Matrix: Solid | |
|-----------|-------------------------------------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------------|----|
| _ | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | | |
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab | |
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 100301 | 01/15/25 09:58 | MNR | EET MID | 12 |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 100283 | 01/16/25 04:30 | MNR | EET MID | 13 |
| Total/NA | Analysis | Total BTEX | | 1 | | | 100427 | 01/16/25 04:30 | SM | EET MID | |
| Total/NA | Analysis | 8015 NM | | 1 | | | 100607 | 01/17/25 12:47 | SM | EET MID | |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 100310 | 01/15/25 10:28 | EL | EET MID | |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 100509 | 01/17/25 12:47 | ткс | EET MID | |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 100333 | 01/15/25 12:02 | SI | EET MID | |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 100346 | 01/15/25 21:55 | СН | EET MID | |

Laboratory References:

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

Eurofins Midland

Released to Imaging: 6/9/2025 2:53:19 PM

Job ID: 880-53223-1

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10

Laboratory: Eurofins Midland

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

| uthority | Program | ı | Identification Number | Expiration Date | | |
|---|-------------------------------|--------|--|------------------------------|--|--|
| exas | NELAP | | T104704400 | 06-30-25 | | |
| T () () () | | | | is list may include analytes | | |
| for which the agency | does not offer certification. | - | ied by the governing authority. This lis | t may include analytes | | |
| for which the agency Analysis Method | • | Matrix | Analyte | t may include analytes | | |
| for which the agency | does not offer certification. | - | | t may include analytes | | |

Eurofins Midland

Method Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Job ID: 880-53223-1 SDG: Lea County, New Mexico

| lethod | Method Description | Protocol | Laboratory |
|-----------|------------------------------------|----------|------------|
| 021B | Volatile Organic Compounds (GC) | SW846 | EET MID |
| otal BTEX | Total BTEX Calculation | TAL SOP | EET MID |
| 015 NM | Diesel Range Organics (DRO) (GC) | SW846 | EET MID |
| 015B NM | Diesel Range Organics (DRO) (GC) | SW846 | EET MID |
| 00.0 | Anions, Ion Chromatography | EPA | EET MID |
| 035 | Closed System Purge and Trap | SW846 | EET MID |
| 15NM Prep | Microextraction | SW846 | EET MID |
| l Leach | Deionized Water Leaching Procedure | ASTM | EET MID |

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: Ling Federal #3 Battery Job ID: 880-53223-1 SDG: Lea County, New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|------------------|--------|----------------|----------------|
| 880-53223-1 | <u>S-1 (4')</u> | Solid | 01/14/25 00:00 | 01/15/25 08:25 |
| 880-53223-2 | S-2 (4') | Solid | 01/14/25 00:00 | 01/15/25 08:25 |

Released to Imaging: 6/9/2025 2:53:19 PM

Chain of Custody



| | | | | | | | | | | | | | | | | | | | | UULL | | in of Custody | | | | | | | |
|--------------------|--------------|---------|---------------|-------------------|-----------|---|---------------|---------------|---|------------------------------|----------------|---------|-------|-------|-------|-------------------|---------|--------|------|--------|-------|--|-----------|--|--|--|---|---|--|
| Project Manager: | Conner M | loehrin | a | | | Bill to: (if | different) | | Gran | t Huck | abay & | Addison | Guekl | er | | | _ | | W | /ork C | Order | Comments | <u></u> . | | | | | | |
| Company Name: | Carmona | | | | | Bill to: (if different) Grant Huckabay & Addison Guekler Company Name: Fasken Oil and Ranch | | | Program: UST/PST PRP Prownfields RC perfund | | | | | | | | | | | | | | | | | | | | |
| | 310 W W | | | | | | | | | | | | | | | State of Project: | | | | | | | | | | | | | |
| Address: | | | | | | Address: 6101 Holiday City, State ZIP: Midland, Tex. | | | | | | | | | - | | | | | | | Level IV | | | | | | | |
| City, State ZIP: | Midland, | - | 01 | | | | | | | | 07 | | | | | | s: ED | | | ADaF | | LEVEITV | | | | | | | |
| Phone: | 432-813-6 | 6823 | | | Emai | il: Granth(| atori.com | n & add | isong(| @forl. | com | | | | _ | Dei | verable | 5. ED | | | ADar | | | | | | | | |
| Project Name: | | Ling F | ederal #3 Ba | attery | Tur | n Around | | | | | | | A | NALYS | IS RE | QUES | Т | | | | | Preservative | Codes | | | | | | |
| Project Number: | | | 2622 | | Routine | Rust | h | Pres. Code | | | | | | | | | | | | | | None: NO DI | Water: Ha | | | | | | |
| Project Location | | Lea Co | ounty, New M | <i>A</i> exico | Due Date: | Star | ndard | | | | | | | | | | | | | | | Cool: Cool Me | eOH: Me | | | | | | |
| Sampler's Name: | | | CRM | | | | | | | RO) | | | | | | | | | | | 1 | HCL: HC HN | NO3: HN | | | | | | |
| PO #: | | | | - | | | | 2 | | 2+ | | | - | | | | | | | | | H ₂ S0 ₄ : H ₂ Na | aOH: Na | | | | | | |
| SAMPLE RECE | IPT | Temp | Blank: | Yes No | Wet Ice: | Yes |) No | ete | œ | N | 0.0 | | | | | | | | | | | H₃PO₄: HP | | | | | | | |
| Received Intact: | | Yes | No | Thermometer ID |): | 1 | RX | Parameters | BTEX 8021B | TPH 8015M (GRO + DRO + MRO) | Chloride 300.0 | | | | | | | | | | НОГР | NaHSO4: NABIS | | | | | | | |
| Cooler Custody Sea | ils: | Yes I | NO NA | Correction Factor | or: | | - 19 | | | | Ě | GR | GR E | GR | GR | GR | lorid | | | | | | | | | | 오 | Na ₂ S ₂ O ₃ : NaSO ₃ | |
| Sample Custody Se | als: | Yes I | NO (N/A) | Temperature Re | eading: | -6 | 23 | | in in | SM | ວົ | | | | | | | | | | | Zn Acetate+NaOH: Z | Zn | | | | | | |
| Total Containers: | | | 0 | Corrected Temp | perature: | -9 | 1.4 | | | 801 | | | | | | | | | | | | NaOH+Ascorbic Acid | d: SAPC | | | | | | |
| Sample Ide | entification | | Date | Time | Soil | Water | Grab/ Comp | # of Cont | | TPF | | | | | | | | | | | | Sample Com | ments | | | | | | |
| S-1 | (4') | | 1/14/2025 | | Х | | G | 1 | X | X | X | | | | | | | | | | | | | | | | | | |
| S-2 | (4') | | 1/14/2025 | | Х | | G | 1 | X | X | X | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Comments: | | | | | | | | | | | | | | | - | | | | | | | | | | | | | | |
| omments. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 011 | | R | elinquished b | oy: (Signature) | | | _ | | Date/ | Time | | | 0 | | Re | ceived | by: (S | ignatu | ire) | | | Date | e/Time | | | | | | |
| ALL | | | | | | | | | | | | - | to | K | / | | | | | | | 11/1< | 92 | | | | | | |
| THD | _ | | | | | | | | | | | | 1 | | | | | | | | | | 19 | | | | | | |

1/1/2025

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Received by OCD: 3/11/2025 9:56:16 AM

14

Job Number: 880-53223-1

List Source: Eurofins Midland

SDG Number: Lea County, New Mexico

Login Sample Receipt Checklist

Client: Carmona Resources

Login Number: 53223 List Number: 1

Creator: Vasquez, Julisa

<6mm (1/4").

| 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 | N/A | |



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Carmona Carmona Resources 310 W Wall St Ste 500 Midland, Texas 79701 Generated 1/17/2025 5:43:40 PM

JOB DESCRIPTION

Ling Federal #3 Battery Lea COunty, New Mexico

JOB NUMBER

880-53219-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701





Eurofins Midland

Job Notes

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

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

Authorization

AMER

Generated 1/17/2025 5:43:40 PM

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

Eurofins Midland is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies
Laboratory Job ID: 880-53219-1 SDG: Lea COunty, New Mexico

Table of Contents

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Definitions/Glossary

| Client: Carmona Resources |
|---------------------------------------|
| Project/Site: Ling Federal #3 Battery |

Job ID: 880-53219-1 SDG: Lea COunty, New Mexico

| Qualifiers | | 3 |
|----------------|---|----|
| GC VOA | | |
| Qualifier | Qualifier Description | 4 |
| U | Indicates the analyte was analyzed for but not detected. | |
| GC Semi VOA | | 5 |
| Qualifier | Qualifier Description | |
| F1 | MS and/or MSD recovery exceeds control limits. | 6 |
| 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. | 8 |
| Glossary | | Q |
| Abbreviation | These commonly used abbreviations may or may not be present in this report. | |
| ₿ Ø | 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 | 10 |
| DL | Detection Limit (DoD/DOE) | 13 |
| 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 | |

Minimum Level (Dioxin)

Most Probable Number

Not Calculated

Negative / Absent

Positive / Present Practical Quantitation Limit

Presumptive

Quality Control

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Method Quantitation Limit

Not Detected at the reporting limit (or MDL or EDL if shown)

ML

MPN

MQL

NC ND

NEG

POS

PQL

PRES QC

RER

RL RPD

TEF

TEQ

TNTC

Case Narrative

Client: Carmona Resources Project: Ling Federal #3 Battery

Job ID: 880-53219-1

Job ID: 880-53219-1

Eurofins Midland

lob N

Job Narrative 880-53219-1

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

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

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

Receipt

The samples were received on 1/15/2025 9:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (5') (880-53219-1) and S-2 (5') (880-53219-2).

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-100310 and analytical batch 880-100509 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

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

Matrix: Solid

5

Job ID: 880-53219-1 SDG: Lea COunty, New Mexico

Lab Sample ID: 880-53219-1

Client Sample ID: S-1 (5') Date Collected: 01/14/25 00:00

Project/Site: Ling Federal #3 Battery

Client: Carmona Resources

Date Received: 01/15/25 09:25

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|---|---|---|-----|--|----------|--|--|---|
| Benzene | 0.00557 | | 0.00200 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 03:49 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 03:49 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 03:49 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 03:49 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 03:49 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 01/15/25 09:58 | 01/16/25 03:49 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 124 | | 70 - 130 | | | | 01/15/25 09:58 | 01/16/25 03:49 | 1 |
| 1,4-Difluorobenzene (Surr) | 104 | | 70 - 130 | | | | 01/15/25 09:58 | 01/16/25 03:49 | 1 |
| Method: TAL SOP Total BTEX - | Total BTEX Calo | ulation | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total BTEX | 0.00557 | | 0.00399 | | mg/Kg | | | 01/16/25 03:49 | 1 |
| Method: SW846 8015 NM - Dies | | | | | | | | | |
| Method: SW846 8015 NM - Dies Analyte | Result | Qualifier | RL | MDL | | D | Prepared | Analyzed | Dil Fac |
| | | Qualifier | | MDL | Unit mg/Kg | <u>D</u> | Prepared | Analyzed 01/17/25 10:10 | Dil Fac |
| Analyte Total TPH | Result <49.9 | Qualifier U | RL 49.9 | MDL | | <u>D</u> | Prepared | | |
| Analyte Total TPH Method: SW846 8015B NM - Die | Result <49.9 | Qualifier U | RL 49.9 | MDL | mg/Kg | D | Prepared | | 1 |
| Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics | Result <49.9 | Qualifier | (GC) | | mg/Kg | | | 01/17/25 10:10 | 1 Dil Fac |
| Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over | Result <49.9 esel Range Orga Result | Qualifier U nics (DRO) Qualifier U F1 | (GC) | | mg/Kg Unit | | Prepared | 01/17/25 10:10 Analyzed | 1 Dil Fac |
| Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) | Result <49.9 esel Range Orga Result <49.9 | Qualifier U nics (DRO) Qualifier U F1 U F1 | RL 49.9 (GC) RL 49.9 | | mg/Kg | | Prepared 01/15/25 10:28 | 01/17/25 10:10 Analyzed 01/17/25 10:10 | 1 Dil Fac |
| Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) | Result <49.9 esel Range Orga Result <49.9 <49.9 | Qualifier U nics (DRO) Qualifier U F1 U F1 | RL 49.9 (GC) RL 49.9 49.9 | | mg/Kg Unit mg/Kg mg/Kg | | Prepared 01/15/25 10:28 01/15/25 10:28 | 01/17/25 10:10 Analyzed 01/17/25 10:10 01/17/25 10:10 | 1 Dil Fac 1 1 |
| Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate | Result <49.9 | Qualifier U nics (DRO) Qualifier U F1 U F1 U | RL 49.9 (GC) RL 49.9 49.9 49.9 49.9 | | mg/Kg Unit mg/Kg mg/Kg | | Prepared 01/15/25 10:28 01/15/25 10:28 01/15/25 10:28 | 01/17/25 10:10 Analyzed 01/17/25 10:10 01/17/25 10:10 01/17/25 10:10 | 1 Dil Fac 1 1 1 Dil Fac |
| Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane | Result <49.9 | Qualifier U nics (DRO) Qualifier U F1 U F1 U | RL 49.9 (GC) RL 49.9 49.9 49.9 Limits | | mg/Kg Unit mg/Kg mg/Kg | | Prepared 01/15/25 10:28 01/15/25 10:28 01/15/25 10:28 Prepared | 01/17/25 10:10 Analyzed 01/17/25 10:10 01/17/25 10:10 01/17/25 10:10 Analyzed | 1 Dil Fac 1 1 Dil Fac |
| Analyte | Result <49.9 | Qualifier U nics (DRO) Qualifier U F1 U F1 U Qualifier | RL 49.9 (GC) RL 49.9 49.9 49.9 49.9 49.9 70.130 70.130 70.130 | | mg/Kg Unit mg/Kg mg/Kg | | Prepared 01/15/25 10:28 01/15/25 10:28 01/15/25 10:28 Prepared 01/15/25 10:28 | 01/17/25 10:10 Analyzed 01/17/25 10:10 01/17/25 10:10 01/17/25 10:10 Analyzed 01/17/25 10:10 | 1 Dil Fac 1 1 1 1 <i>Dil Fac</i> 1 |
| Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl | Result <49.9 esel Range Orga Result <49.9 <49.9 <49.9 <49.9 %Recovery 87 80 n Chromatograp | Qualifier U nics (DRO) Qualifier U F1 U F1 U Qualifier | RL 49.9 (GC) RL 49.9 49.9 49.9 49.9 49.9 70.130 70.130 70.130 | | mg/Kg Unit mg/Kg mg/Kg mg/Kg | | Prepared 01/15/25 10:28 01/15/25 10:28 01/15/25 10:28 Prepared 01/15/25 10:28 | 01/17/25 10:10 Analyzed 01/17/25 10:10 01/17/25 10:10 01/17/25 10:10 Analyzed 01/17/25 10:10 | 1 Dil Fac 1 1 1 1 <i>Dil Fac</i> 1 |

Eurofins Midland

rage 148 of

Job ID: 880-53219-1 SDG: Lea COunty, New Mexico

Prep Type: Total/NA

Prep Type: Total/NA

Method: 8021B - Volatile Organic Compounds (GC) Matrix: Solid

| | | | | Percent Surrogate Recovery (Acceptance Limits) |
|----------------------|------------------------|----------|----------|--|
| | | BFB1 | DFBZ1 | |
| ab Sample ID | Client Sample ID | (70-130) | (70-130) | |
| 880-53210-A-11-A MS | Matrix Spike | 116 | 100 | |
| 880-53210-A-11-B MSD | Matrix Spike Duplicate | 121 | 100 | |
| 880-53219-1 | S-1 (5') | 124 | 104 | |
| LCS 880-100301/1-A | Lab Control Sample | 118 | 100 | |
| LCSD 880-100301/2-A | Lab Control Sample Dup | 121 | 101 | |
| MB 880-100289/5-A | Method Blank | 117 | 98 | |
| MB 880-100301/5-A | Method Blank | 120 | 98 | |

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

| | | | | Percent Surrogate Recovery (Acceptance Limits) |
|----------------|------------------------|----------|----------|--|
| | | 1CO1 | OTPH1 | |
| ample ID | Client Sample ID | (70-130) | (70-130) | |
| 19-1 | S-1 (5') | 87 | 80 | |
| 3219-1 MS | S-1 (5') | 83 | 84 | |
| 219-1 MSD | S-1 (5') | 84 | 83 | |
|)-100310/2-A | Lab Control Sample | 77 | 78 | |
| 880-100310/3-A | Lab Control Sample Dup | 105 | 88 | |
| 80-100310/1-A | Method Blank | 112 | 109 | |

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Method: 8021B - Volatile Organic Compounds (GC)

| Lab Sample ID: MB 880-100289/ | 5-A | | | | | | | | | Client Sa | mple ID: M | ethoo | d Blank |
|---------------------------------------|---------------|-----------------|--|--------|-----|--------|-------|------|-------|--------------------------|----------------------------|---------|---------|
| Matrix: Solid | | | | | | | | | | | Prep Ty | pe: T | otal/NA |
| Analysis Batch: 100283 | | | | | | | | | | | Prep Ba | atch: | 100289 |
| | MB | MB | | | | | | | | | | | |
| Analyte | Result | Qualifier | RI | - | MDL | Unit | | D | P | repared | Analyze | ± | Dil Fac |
| Benzene | <0.00200 | U | 0.00200 |) | | mg/Kg | | | 01/1 | 5/25 08:27 | 01/15/25 11 | :27 | 1 |
| Toluene | <0.00200 | U | 0.00200 |) | | mg/Kg | | | 01/1 | 5/25 08:27 | 01/15/25 11 | :27 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 |) | | mg/Kg | | | 01/1 | 5/25 08:27 | 01/15/25 11 | :27 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 |) | | mg/Kg | | | 01/1 | 5/25 08:27 | 01/15/25 11 | :27 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 |) | | mg/Kg | | | 01/1 | 5/25 08:27 | 01/15/25 11 | :27 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 |) | | mg/Kg | | | 01/1 | 5/25 08:27 | 01/15/25 11 | :27 | 1 |
| | МВ | МВ | | | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | _ | | | | | P | repared | Analyze | 1 | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 117 | | 70 - 130 | | | | | | 01/1 | 5/25 08:27 | 01/15/25 11 | :27 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | | | | | | 01/1 | 5/25 08:27 | 01/15/25 11 | :27 | 1 |
| Lab Sample ID: MB 880-100301/ | 5-A | | | | | | | | | Client Sa | mple ID: M | | |
| Matrix: Solid | | | | | | | | | | | Prep Ty | pe: T | otal/NA |
| Analysis Batch: 100283 | мр | мр | | | | | | | | | Prep Ba | atch: | 100301 |
| Analyte | | MB Qualifier | RI | | MDL | Unit | | D | Р | repared | Analyzed | ł | Dil Fac |
| Benzene | <0.00200 | | 0.00200 | | | mg/Kg | | - | | 5/25 09:58 | 01/15/25 22 | | 1 |
| Toluene | <0.00200 | U | 0.00200 | | | mg/Kg | | | 01/1 | 5/25 09:58 | 01/15/25 22 | | 1 |
| Ethylbenzene | <0.00200 | | 0.00200 | | | mg/Kg | | | | 5/25 09:58 | 01/15/25 22 | | 1 |
| m-Xylene & p-Xylene | <0.00400 | | 0.00400 | | | mg/Kg | | | | 5/25 09:58 | 01/15/25 22 | | 1 |
| o-Xylene | <0.00200 | | 0.00200 | | | mg/Kg | | | | 5/25 09:58 | 01/15/25 22 | | 1 |
| Xylenes, Total | <0.00400 | | 0.00400 | | | mg/Kg | | | | 5/25 09:58 | 01/15/25 22 | | 1 |
| · · · · · · · · · · · · · · · · · · · | | | | - | | | | | | | | | |
| • | MB | | | | | | | | _ | | | | |
| Surrogate | %Recovery | Qualifier | Limits | - | | | | | | repared | Analyze | | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 120 98 | | 70 ₋ 130 70 ₋ 130 | | | | | | | 5/25 09:58 5/25 09:58 | 01/15/25 22 01/15/25 22 | | 1 |
| 1,4-Difluorobenzene (Surr) | 30 | | 70 - 130 | | | | | | 01/1 | 5/25 09.50 | 01/13/23 22 | | 1 |
| Lab Sample ID: LCS 880-100301 | /1 -A | | | | | | | С | lient | Sample | ID: Lab Cor | ntrol S | Sample |
| Matrix: Solid | | | | | | | | | | | Prep Ty | | |
| Analysis Batch: 100283 | | | | | | | | | | | Prep Ba | atch: | 100301 |
| | | | Spike | LCS | LCS | i | | | | | %Rec | | |
| Analyte | | | Added | Result | Qua | lifier | Unit | | D | %Rec | Limits | | |
| Benzene | | | 0.100 | 0.1129 | | | mg/Kg | | | 113 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.1113 | | | mg/Kg | | | 111 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1094 | | | mg/Kg | | | 109 | 70 - 130 | | |
| m-Xylene & p-Xylene | | | 0.200 | 0.2236 | | | mg/Kg | | | 112 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1152 | | | mg/Kg | | | 115 | 70 - 130 | | |
| | LCS LCS | | | | | | | | | | | | |
| Surrogate | %Recovery Qua | lifier | Limits | | | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 118 | | 70 - 130 | | | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | | | | | | | | | | |
| _ Lab Sample ID: LCSD 880-10030 | 1/2-4 | | | | | | CII | ont | Sam | nle ID· L | ab Control | Samr | |
| Matrix: Solid | | | | | | | | 5.11 | Jun | | Prep Ty | | |
| Analysis Batch: 100283 | | | | | | | | | | | Prep Ba | - | |
| Analysis Battin. 100203 | | | Spike | LCSD | LCS | D | | | | | %Rec | | RPD |
| Analyte | | | Added | Result | | | Unit | | D | %Rec | Limits | RPD | Limit |
| Benzene | | | 0.100 | 0 1151 | aud | | ma/Ka | | | 115 | 70 130 | 2 | 35 |

5

Job ID: 880-53219-1 SDG: Lea COunty, New Mexico

Eurofins Midland

35

2

Benzene

0.1151

mg/Kg

115

70 - 130

0.100

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Job ID: 880-53219-1 SDG: Lea COunty, New Mexico

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

| Lab Sample ID: LCSD 880-1 Matrix: Solid | | | | | | Cher | Jun | | Lab Contro | ype: To | |
|---|------------|---------------------|----------------|--------|------------------|----------------|--------|-------------|----------------------|----------|---------|
| | | | | | | | | | | | |
| Analysis Batch: 100283 | | | Califo | 1.000 | LCSD | | | | %Rec | Batch: 1 | RPD |
| Analyte | | | Spike Added | | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Toluene | | | 0.100 | 0.1124 | Quaimer | | | 112 | 70 - 130 | 1 | 35 |
| Ethylbenzene | | | 0.100 | 0.1124 | | mg/Kg mg/Kg | | 112 | 70 - 130 70 - 130 | 1 | 35 |
| m-Xylene & p-Xylene | | | 0.100 | 0.2262 | | | | 113 | 70 - 130 | | 35 |
| o-Xylene | | | 0.200 | 0.2202 | | mg/Kg mg/Kg | | 116 | 70 - 130 70 - 130 | 1 | 35 |
| 0-Xylene | | | 0.100 | 0.1105 | | mg/Kg | | 110 | 70 - 130 | I | 30 |
| | LCSD | LCSD | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 121 | | 70 - 130 | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 _ 130 | | | | | | | | |
| Lab Sample ID: 880-53210-/ | 11_A MS | | | | | | | Client | Sample ID | · Matrix | Spike |
| Matrix: Solid | | | | | | | | onent | | ype: To | |
| Analysis Batch: 100283 | | | | | | | | | | Batch: 1 | |
| Analysis Batch. 100200 | Sample | Sample | Spike | MS | MS | | | | %Rec | Jaton. 1 | |
| Analyte | • | Qualifier | Added | | Qualifier | Unit | D | %Rec | Limits | | |
| Benzene | <0.00199 | | 0.0992 | 0.1080 | | mg/Kg | | 109 | 70 - 130 | | |
| Toluene | <0.00199 | | 0.0992 | 0.1057 | | mg/Kg | | 107 | 70 - 130 | | |
| Ethylbenzene | < 0.00199 | | 0.0992 | 0.1033 | | mg/Kg | | 104 | 70 - 130 | | |
| m-Xylene & p-Xylene | <0.00398 | | 0.198 | 0.2086 | | mg/Kg | | 105 | 70 - 130 | | |
| o-Xylene | <0.00199 | | 0.0992 | 0.1069 | | mg/Kg | | 108 | 70 - 130 | | |
| | MS | MS | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | | | 70 - 130 | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | | | | | | | | |
| Lab Sampla ID: 990 52210 / | A-11-R MSD | | | | | CI | iont S | amnia IF |): Matrix Sp | niko Dur | olicate |
| | | | | | | | | | | ype: To | |
| | | | | | | | | | | Batch: 1 | |
| Lab Sample ID: 880-53210-/ Matrix: Solid Analysis Batch: 100283 | | | | | | | | | | | |
| | Sample | Sample | Spike | MSD | MSD | | | | | Jaton. 1 | RPD |
| Matrix: Solid Analysis Batch: 100283 | | Sample Qualifier | Spike Added | | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | |
| Matrix: Solid | | Qualifier | • | | | Unit mg/Kg | D | %Rec 110 | %Rec | | RPD |

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

<0.00199 U

<0.00398 U

<0.00199 U

MSD MSD

%Recovery Qualifier

121

100

| Lab Sample ID: MB 880-100310/1-A Matrix: Solid Analysis Batch: 100509 | | | | | | | Client Sa | mple ID: Metho Prep Type: ⁻ Prep Batch: | Fotal/NA |
|---|--------|-----------|------|-----|-------|---|----------------|--|----------|
| | MB | MB | | | | | | | |
| Analyte F | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <50.0 | U | 50.0 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 04:57 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |

0.100

0.201

0.100

Limits

70 - 130

70 - 130

0.1055

0.2131

0.1092

mg/Kg

mg/Kg

mg/Kg

105

106

109

70 - 130

70 - 130

70 - 130

2

2

2

35

35

35

Eurofins Midland

Ethylbenzene

o-Xylene

Surrogate

m-Xylene & p-Xylene

4-Bromofluorobenzene (Surr)

1,4-Difluorobenzene (Surr)

Job ID: 880-53219-1 SDG: Lea COunty, New Mexico

| Lab Sample ID: MB 880-10031 | 0/1-A | | | | | | | Client Sa | ample ID: Metho | od Blank |
|---|---------------------|-------------------|----------|--------|-----------|---------|----------|-------------|-----------------|----------|
| Matrix: Solid | | | | | | | | | Prep Type: | |
| Analysis Batch: 100509 | | | | | | | | | Prep Batch | |
| | N | IB MB | | | | | | | | |
| Analyte | | ult Qualifier | RL | | MDL Unit | | DF | Prepared | Analyzed | Dil Fac |
| Diesel Range Organics (Over | | 0.0 U | 50.0 | | mg/K | a | | 15/25 10:28 | 01/17/25 04:57 | |
| C10-C28) | | | | | 5 | 5 | | | | |
| Oil Range Organics (Over C28-C36) | <50 |).0 U | 50.0 | | mg/K | g | 01/ | 15/25 10:28 | 01/17/25 04:57 | 1 |
| | | IB MB | | | | | | | | |
| Surrogate | | ry Qualifier | Limits | | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | | 12 Quanner | 70 - 130 | | | | | 15/25 10:28 | 01/17/25 04:57 | |
| o-Terphenyl | | 09 | 70 - 130 | | | | | 15/25 10:28 | 01/17/25 04:57 | |
| - | | | | | | | • | | • | |
| Lab Sample ID: LCS 880-10031 | 10/2-A | | | | | | Clien | t Sample | ID: Lab Contro | Sample |
| Matrix: Solid | | | | | | | | | Prep Type: | Total/NA |
| Analysis Batch: 100509 | | | | | | | | | Prep Batch | |
| | | | Spike | LCS | LCS | | | | %Rec | |
| Analyte | | | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Gasoline Range Organics | _ | | 1000 | 833.8 | | mg/Kg | _ | 83 | 70 - 130 | |
| (GRO)-C6-C10 | | | 1000 | 775 7 | | ma 11.4 | | 70 | 70 - 130 | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 775.7 | | mg/Kg | | 78 | 70 - 130 | |
| 010-020) | | | | | | | | | | |
| | LCS L | | | | | | | | | |
| Surrogate | %Recovery G | ualifier | Limits | | | | | | | |
| 1-Chlorooctane | 77 | | 70 - 130 | | | | | | | |
| o-Terphenyl | 78 | | 70 - 130 | | | | | | | |
| Lab Sample ID: LCSD 880-100 | 310/3-4 | | | | | Cli | ont San | nnie ID· I | ab Control San | nle Dun |
| Matrix: Solid | | | | | | 011 | one our | | Prep Type: | |
| Analysis Batch: 100509 | | | | | | | | | Prep Batch | |
| · ·····, | | | Spike | LCSD | LCSD | | | | %Rec | RPD |
| Analyte | | | Added | Result | Qualifier | Unit | D | %Rec | Limits RP | D Limit |
| Gasoline Range Organics | | | 1000 | 894.7 | | mg/Kg | | 89 | 70 - 130 | 7 20 |
| (GRO)-C6-C10 | | | | | | | | | | |
| Diesel Range Organics (Over | | | 1000 | 791.7 | | mg/Kg | | 79 | 70 - 130 | 2 20 |
| C10-C28) | | | | | | | | | | |
| | LCSD L | CSD | | | | | | | | |
| Surrogate | %Recovery G | ualifier | Limits | | | | | | | |
| 1-Chlorooctane | 105 | | 70 - 130 | | | | | | | |
| o-Terphenyl | 88 | | 70 - 130 | | | | | | | |
| | _ | | | | | | | | | _ |
| Lab Sample ID: 880-53219-1 M | S | | | | | | | С | lient Sample ID | |
| Matrix: Solid | | | | | | | | | Prep Type: | |
| Analysis Batch: 100509 | • • • | | 0.11 | | | | | | Prep Batch | : 100310 |
| Analysis | Sample S | - | Spike | | MS | 11 14 | - | 0/ D - | %Rec | |
| Analyte | Result Q | | Added | | Qualifier | Unit | <u>D</u> | %Rec | Limits | |
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 U | F1 | 995 | 665.6 | F1 | mg/Kg | | 67 | 70 - 130 | |
| Diesel Range Organics (Over | <49.9 U | F1 | 995 | 687.4 | F1 | mg/Kg | | 69 | 70 - 130 | |
| | | | | | | 5,5 | | | | |
| C10-C28) | | | | | | | | | | |
| C10-C28) | | 10 | | | | | | | | |
| Surrogate | MS M %Recovery G | | Limits | | | | | | | |

83

84

1-Chlorooctane

o-Terphenyl

70 - 130

70 - 130

Job ID: 880-53219-1 SDG: Lea COunty, New Mexico

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

| Lab Sample ID: 880-53219-1 M Matrix: Solid | | | | | | | | | | | Prep ⁻ | Type: To | 5-1 (5') tal/NA |
|--|--|---------------------|--|--|----------------------|---------------------|---------------------------------------|-------|--------------------|---|---|---|--|
| Analysis Batch: 100509 | | | | | | | | | | | | Batch: 1 | |
| | Sample | Sample | Spike | MSE | MSD | | | | | | %Rec | | RPD |
| Analyte | • | Qualifier | Added | | Qual | | Unit | | D | %Rec | Limits | RPD | Limi |
| Gasoline Range Organics | | U F1 | 995 | 660.7 | | | mg/Kg | | | 66 | 70 - 130 | 1 | 2 |
| (GRO)-C6-C10 | | | | | | | 5. 5 | | | | | | |
| Diesel Range Organics (Over | <49.9 | U F1 | 995 | 671.3 | F1 | | mg/Kg | | | 67 | 70 - 130 | 2 | 2 |
| C10-C28) | | | | | | | | | | | | | |
| | MSD | MSD | | | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | | | |
| 1-Chlorooctane | 84 | | 70 - 130 | | | | | | | | | | |
| o-Terphenyl | 83 | | 70 - 130 | | | | | | | | | | |
| lethod: 300.0 - Anions, Io Lab Sample ID: MB 880-10033 Matrix: Solid | | ography | | | | | | | | Client S | Sample ID: Prep | Method Type: S | |
| Analysis Batch: 100346 | | | | | | | | | | | | | |
| | _ | MB MB | | | | | | _ | _ | | | | |
| Analyte | | esult Qualifier | | RL | MDL | | | D | Pr | epared | Analyz | | Dil Fa |
| Chloride | | :10.0 U | | 10.0 | | mg/Kg | | | | | 01/15/25 | 19.59 | |
| | 33/2-A | | | | | | | CI | ient | Sample | e ID: Lab C Prep | | |
| Matrix: Solid | 33/2-A | | Spike | LCS | LCS | | | CI | ient | Sample | Prep | ontrol S Type: S | |
| Lab Sample ID: LCS 880-1003 Matrix: Solid Analysis Batch: 100346 Analyte | 33/2-A | | Spike Added | | LCS | ifier | Unit | CI | | - | Prep %Rec | | |
| Matrix: Solid Analysis Batch: 100346 ^{Analyte} | 33/2-A | | Spike Added 250 | | Qual | ifier | Unit mg/Kg | CI | <u>D</u> | Sample %Rec 95 | Prep | | |
| Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: LCSD 880-100 Matrix: Solid | | | Added | Resul | Qual | ifier | mg/Kg | | <u>D</u> | %Rec 95 | Prep %Rec Limits 90 - 110 | Type: S | olubl |
| Matrix: Solid | | | Added 250 | Resul 237.7 | Qual | | mg/Kg | | <u>D</u> | %Rec 95 | Prep %Rec Limits 90 - 110 Lab Contro Prep | Type: S | olubi e Du olubi |
| Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: LCSD 880-100 Matrix: Solid Analysis Batch: 100346 | | | Added 250 Spike | Resul 237.7 LCSE | Qual | D | mg/Kg Cli | | D Sam | %Rec 95 ple ID: | Prep %Rec Limits 90 - 110 Lab Contro Prep %Rec | Type: S | olubi e Duj olubi |
| Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: LCSD 880-100 Matrix: Solid Analysis Batch: 100346 Analyte | | | Added 250 | Resul 237.7 LCSE | LCSI Qual | D | mg/Kg | | <u>D</u> | %Rec 95 | Prep %Rec Limits 90 - 110 Lab Contro Prep | Type: S | olubi le Du olubi RP Lim |
| Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: LCSD 880-100 Matrix: Solid | 0333/3-A | | Added 250 Spike Added 250 | Resul 237.7 LCSE Resul 238.0 | LCSI Qual | D | mg/Kg Cli Unit | | D Sam | %Rec 95 ple ID: %Rec 95 | Prep %Rec Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep | Type: S ol Sampl Type: S <u>RPD</u> 0 | olubi le Duj olubi RPI Lim 2 Spike |
| Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: LCSD 880-100 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A- Matrix: Solid Analysis Batch: 100346 | 0333/3-A 1-D MS Sample | | Added 250 Spike Added 250 Spike | Resul 237.7 LCSE Resul 238.0 | Qual LCSI Qual | D | mg/Kg Cli Unit mg/Kg | | D Sam | %Rec 95 ple ID: %Rec 95 Client | Prep %Rec Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep %Rec | Type: S DI Sampl Type: S <u>RPD</u> 0 : Matrix | e Dug olubic RPI Limi 20 Spike |
| Matrix: Solid Analysis Batch: 100346 Chloride Lab Sample ID: LCSD 880-100 Matrix: Solid Analysis Batch: 100346 Chloride Lab Sample ID: 880-53222-A- Matrix: Solid Analysis Batch: 100346 Analysis Batch: 100346 | 0333/3-A 1-D MS Sample Result | Sample Qualifier | Added 250 Spike Added 250 Spike Added | Resul 237.7 LCSE Resul 238.0 MS Resul | Qual LCSI Qual | D | mg/Kg Cli Unit mg/Kg Unit | | D Sam | %Rec 95 ple ID: %Rec 95 Client | Prep %Rec Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep %Rec Limits | Type: S DI Sampl Type: S <u>RPD</u> 0 : Matrix | e Duj olubi olubi RPI Lim 2 Spike |
| Matrix: Solid Analysis Batch: 100346 Chloride Lab Sample ID: LCSD 880-100 Matrix: Solid Analysis Batch: 100346 Chloride Lab Sample ID: 880-53222-A-4 Matrix: Solid Analysis Batch: 100346 Analysis Batch: 100346 | 0333/3-A 1-D MS Sample | • | Added 250 Spike Added 250 Spike | Resul 237.7 LCSE Resul 238.0 | Qual LCSI Qual | D | mg/Kg Cli Unit mg/Kg | | D Sam | %Rec 95 ple ID: %Rec 95 Client | Prep %Rec Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep %Rec | Type: S DI Sampl Type: S <u>RPD</u> 0 : Matrix | olubi e Du olubi RP Lim 2 Spik |
| Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: LCSD 880-100 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A-7 Matrix: Solid Analysis Batch: 100346 | 0333/3-A 1-D MS Sample Result 80.1 1-E MSD | Qualifier | Added 250 Spike Added 250 Spike Added 250 | Result 237.7 LCSE Result 238.0 MS Result 326.8 | Qual LCSI Qual | D ifier ifier | Unit mg/Kg | ent { | D Sam D - | %Rec 95 ple ID: 95 Client %Rec 99 | Prep %Rec Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep %Rec Limits 90 - 110 | Type: S | olubl e Du olubl RP Lim 2 Spik olubl olubl olubl |
| Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: LCSD 880-100 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A-4 Matrix: Solid Analyte Chloride Lab Sample ID: 880-53222-A-4 Matrix: Solid | 0333/3-A 1-D MS Sample <u>Result</u> 80.1 1-E MSD Sample | • | Added 250 Spike Added 250 Spike Added | Result 237.7 LCSE Result 238.0 MSE 326.6 MSE | Qual LCSI Qual | D ifier | Unit mg/Kg | ent { | D Sam D - | %Rec 95 ple ID: 95 Client %Rec 99 | Prep %Rec Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep %Rec Limits 90 - 110 | Type: S DI Sampl Type: S <u>RPD</u> 0 0: Matrix Type: S pike Dup | olubi le Du olubi Lim 2 Spik olubi |

Eurofins Midland

QC Association Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Job ID: 880-53219-1 SDG: Lea COunty, New Mexico

GC VOA

Analysis Batch: 100283

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batc |
|-----------------------|------------------------|-----------|--------|------------|------------|
| 880-53219-1 | S-1 (5') | Total/NA | Solid | 8021B | 10030 |
| MB 880-100289/5-A | Method Blank | Total/NA | Solid | 8021B | 100289 |
| MB 880-100301/5-A | Method Blank | Total/NA | Solid | 8021B | 100301 |
| _CS 880-100301/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 100301 |
| _CSD 880-100301/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 100301 |
| 380-53210-A-11-A MS | Matrix Spike | Total/NA | Solid | 8021B | 100301 |
| 380-53210-A-11-B MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 100301 |
| rep Batch: 100289 | | | | | |
| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
| MB 880-100289/5-A | Method Blank | Total/NA | Solid | 5035 | |
| rep Batch: 100301 | | | | | |
| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
| 380-53219-1 | S-1 (5') | Total/NA | Solid | 5035 | |
| MB 880-100301/5-A | Method Blank | Total/NA | Solid | 5035 | |
| _CS 880-100301/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| _CSD 880-100301/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 380-53210-A-11-A MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-53210-A-11-B MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |
| nalysis Batch: 100425 | | | | | |
| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
| 880-53219-1 | S-1 (5') | Total/NA | Solid | Total BTEX | |

GC Semi VOA

Prep Batch: 100310

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|-------------|------------|
| 880-53219-1 | S-1 (5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-100310/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-100310/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-100310/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-53219-1 MS | S-1 (5') | Total/NA | Solid | 8015NM Prep | |
| 880-53219-1 MSD | S-1 (5') | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 100509

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-53219-1 | S-1 (5') | Total/NA | Solid | 8015B NM | 100310 |
| MB 880-100310/1-A | Method Blank | Total/NA | Solid | 8015B NM | 100310 |
| LCS 880-100310/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 100310 |
| LCSD 880-100310/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 100310 |
| 880-53219-1 MS | S-1 (5') | Total/NA | Solid | 8015B NM | 100310 |
| 880-53219-1 MSD | S-1 (5') | Total/NA | Solid | 8015B NM | 100310 |

Analysis Batch: 100603

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 880-53219-1 | S-1 (5') | Total/NA | Solid | 8015 NM | |

5

QC Association Summary

Prep Type

Soluble

Soluble

Soluble

Soluble

Soluble

Soluble

Prep Type

Soluble

Soluble

Soluble

Soluble

Soluble

Soluble

Matrix

Solid

Solid

Solid

Solid

Solid

Solid

Matrix

Solid

Solid

Solid

Solid

Solid

Solid

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Client Sample ID

Lab Control Sample

Lab Control Sample Dup

Matrix Spike Duplicate

Client Sample ID

Lab Control Sample

Lab Control Sample Dup

Matrix Spike Duplicate

Method Blank

Matrix Spike

S-1 (5')

Method Blank

Matrix Spike

S-1 (5')

HPLC/IC

Lab Sample ID

MB 880-100333/1-A

LCS 880-100333/2-A

LCSD 880-100333/3-A

880-53222-A-1-D MS

880-53222-A-1-E MSD

Lab Sample ID

MB 880-100333/1-A

LCS 880-100333/2-A

LCSD 880-100333/3-A

880-53222-A-1-D MS

880-53222-A-1-E MSD

880-53219-1

Analysis Batch: 100346

880-53219-1

Leach Batch: 100333

Job ID: 880-53219-1 SDG: Lea COunty, New Mexico

Method

DI Leach

DI Leach

DI Leach

DI Leach

DI Leach

DI Leach

Method

300.0

300.0

300.0

300.0

300.0

300.0

1

Page 155 of 254

Prep Batch

Prep Batch

100333

100333

100333

100333

100333 100333

Eurofins Midland

Client Sample ID: S-1 (5') Date Collected: 01/14/25 00:00 Date Received: 01/15/25 09:25

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Job ID: 880-53219-1 SDG: Lea COunty, New Mexico

Lab Sample ID: 880-53219-1

Matrix: Solid

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 100301 | 01/15/25 09:58 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 100283 | 01/16/25 03:49 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 100425 | 01/16/25 03:49 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 100603 | 01/17/25 10:10 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 100310 | 01/15/25 10:28 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 100509 | 01/17/25 10:10 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 100333 | 01/15/25 12:02 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 100346 | 01/15/25 20:47 | СН | EET MID |

Laboratory References:

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

Eurofins Midland

Released to Imaging: 6/9/2025 2:53:19 PM

Job ID: 880-53219-1 SDG: Lea COunty, New Mexico

Laboratory: Eurofins Midland

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

| ithority | Progran | n | Identification Number | Expiration Date | | |
|---|---------------------------------------|------------------------------|---|------------------------|--|--|
| xas | NELAP | | T104704400 | 06-30-25 | | |
| The following analyt | es are included in this report, but t | the laboratory is not certif | fied by the governing authority. This lis | t may include analytes | | |
| for which the agency | does not offer certification. | , | , , , , , , | | | |
| for which the agency Analysis Method | 1, | Matrix | Analyte | | | |
| for which the agency | does not offer certification. | , | , , , , , , | | | |

Eurofins Midland

Method Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Job ID: 880-53219-1 SDG: Lea COunty, New Mexico

| Method | Method Description Protocol Laborate | | | | | | | |
|---------------|--|--------------------------------------|---------|---|--|--|--|--|
| 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 | E | | | | |
| 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 Refe | rences: | | | 8 | | | | |
| ASTM = A | STM International | | | | | | | |
| EPA = US | Environmental Protection Agency | | | | | | | |
| SW846 = " | Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edi | tion, 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

Eurofins Midland

Sample Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-53219-1 SDG: Lea COunty, New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|------------------|--------|----------------|----------------|
| 880-53219-1 | S-1 (5') | Solid | 01/14/25 00:00 | 01/15/25 09:25 |

Chain of Custody



| | | | | | | | | | | | | | | | _ | | | | | | | | of1 |
|--------------------|--------------|-----------|-------------------|-----------------|-----------|---------------------------------|---------------------|----------------------|------------|-----------------------|----------------|--|---------|--------|-------------------|---------|--------------------------|---------------|------|-----------------|-------|--|-------------|
| Project Manager: | Conner | Moehrin | g | | | Bill to: (if | different) | | Grant | Hucka | abay & / | Addison | Guekler | | | | | | Worl | k Ord | der C | comments | |
| Company Name: | Carmon | a Resou | irces | | | Company | y Name: | Fasken Oil and Ranch | | | | Program: UST/PST PRP rownfields RC perfund | | | | | | | | | | | |
| Address: | 310 W V | Nall St S | ste 500 | | | Address: 6101 Holiday Hill Road | | Address: | | | Address: 6101 | | | | State of Project: | | | | | | | | |
| City, State ZIP: | Midland, | . TX 797 | 01 | | | City, Stat | ty, State ZIP: | | Midla | nd, Te | xas 797 | 07 | | | | | | | | III C |]st/ | UST RRP | Level IV |
| Phone: | 432-813 | | | | Emai | | anth@forl.com & add | | song | @forl.c | com | | | | | Delive | erables: | EDD | | Α | DaP1 | Other: | |
| Project Name: | | Ling | - ederal #3 Ba | attery | Tur | n Around | und | | | | | | AN | ALYSIS | REQ | UEST | | | | | | Preserva | tive Codes |
| Project Number. | | Lingi | 2622 | | Routine | Rusi | h | Pres. Code | | | | | | | | | | | | | | None: NO | DI Water: H |
| Project Location | | Lea C | ounty, New M | Mexico | Due Date: | Star | ndard | Ouc | | | | | | | | | | | | | | Cool: Cool | MeOH: Me |
| Sampler's Name: | | 100 0 | CRM | | | | | | | + MRO) | | | | | | | | | | | | HCL: HC | HNO3: HN |
| PO #: | | | | 1 | | | | ۶ ۲ | | ¥ + | | | | | | | | | | | | H ₂ S0 ₄ : H ₂ | NaOH: Na |
| SAMPLE RECE | IPT | Tem | p Blank: | Yes No | Wet Ice: | Yes |) No | Parameters | ₽ | TPH 8015M (GRO + DRO | 0.0 | | | | | | | | | | | H₃PO₄: HP | |
| Received Intact: | | Yes | | Thermometer II |): | T | 115 | aran | 802 | + 0 | de 30 | | | | | | | | | | 0 | NaHSO4: NABIS | |
| Cooler Custody Sea | ils: | Yes | 10 | Correction Fact | or: | - | 20 | A | BTEX 8021B | GR | Chloride 300.0 | | | | | | | | | | Ŧ | Na ₂ S ₂ O ₃ : NaSO | |
| Sample Custody Sea | als: | Yes | No (N/A) | Temperature R | eading: | -0 | 2-5 | | — | 15M | 5 | | | | | | | | | | | Zn Acetate+Na(| |
| otal Containers: | | | | Corrected Tem | perature: | 1-0 | 2-41 | | | H 80 | | | | | | | NaOH+Ascorbic Acid: SAPC | | | | | | |
| Sample Ide | entification | 1 | Date | Time | Soil | Water | Grab/ Comp | # of Cont | | TPI | | | | | | | | | | Sample Comments | | | |
| S-1 | (5') | | 1/14/2025 | | Х | | G | 1 | X | Х | Х | | - | | | | | | | | | | |
| S-2 | (5') | _ | 1/14/2025 | | X | | G | 1 | | | | | | | | | | | | | Х | | |
| | | | | | | | | | _ | | | | | _ | - | | | _ | | | _ | | |
| | | | | | | | <u> </u> | <u> </u> | - | - | | | | | - | | | | -+ | - | _ | | |
| | | | | | | | | | - | | <u> </u> | | | | | + | | - | | -+ | - | | |
| | | | | | | | | | | | | | | | - | | ├ | -+ | | -+ | _ | | |
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| | | | | | | | | | 1 | 1 | I | | | | | | | | | | | | |
| Comments: | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | _ | | | | | | | | | | _ | | | |
| 0 | | R | elinquished l | oy: (Signature) | | | | | Date/ | Time | | | | 1 | Rece | eived b | oy: (Sigi | nature | e) | | | | Date/Time |
| 11 | | | | | | | | | | | | | | X | | | | | | | | 5/1< | CYL |
| HP | | | | | | | | | | | | | | | | | | | | | | 11.3 | 10. |
| AUTI | | _ | | | | | | | | | | 1 | | | V | | | | | | | | |

1ີ ພ

1/17/2025

14

Job Number: 880-53219-1

List Source: Eurofins Midland

SDG Number: Lea COunty, New Mexico

Login Sample Receipt Checklist

Client: Carmona Resources

Login Number: 53219 List Number: 1

<6mm (1/4").

Creator: Vasquez, Julisa

| 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 | N/A | |



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Carmona Carmona Resources 310 W Wall St Ste 500 Midland, Texas 79701 Generated 1/17/2025 5:40:13 PM

JOB DESCRIPTION

Ling Federal #3 Battery Lea County, New Mexico

JOB NUMBER

880-53224-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701





Eurofins Midland

Job Notes

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

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

Authorization

AMER

Generated 1/17/2025 5:40:13 PM

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

Eurofins Midland is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

Laboratory Job ID: 880-53224-1 SDG: Lea County, New Mexico

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| | |

Definitions/Glossary

| Client: Carmona Resources |
|---------------------------------------|
| Project/Site: Ling Federal #3 Battery |

Job ID: 880-53224-1 SDG: Lea County, New Mexico

| Qualifiers | | 3 |
|----------------|---|----|
| GC VOA | | |
| Qualifier | Qualifier Description | 4 |
| U | Indicates the analyte was analyzed for but not detected. | |
| GC Semi VOA | | 5 |
| Qualifier | Qualifier Description | |
| F1 | MS and/or MSD recovery exceeds control limits. | 6 |
| 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. | 8 |
| Glossary | | Q |
| 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 | 10 |
| %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 | 10 |
| DL | Detection Limit (DoD/DOE) | 13 |
| 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)
- MDLMethod Detection LimitMLMinimum Level (Dioxin)MPNMost Probable Number
- MQL
 Method Quantitation Limit

 NC
 Not Calculated

 ND
 Not Detected at the reporting limit (or MDL or EDL if shown)
- NEGNegative / AbsentPOSPositive / PresentPQLPractical Quantitation Limit
- PQL Practical Quar 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: Ling Federal #3 Battery

Job ID: 880-53224-1

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Job ID: 880-53224-1

Eurofins Midland

Job Narrative

880-53224-1

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

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

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

Receipt

The samples were received on 1/15/2025 9:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.4°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 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-100310 and analytical batch 880-100509 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

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

Job ID: 880-53224-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-53224-1

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 0.00199 01/15/25 10:50 01/15/25 23:52 Benzene 0.00233 mg/Kg Toluene <0.00199 U 0.00199 mg/Kg 01/15/25 10:50 01/15/25 23:52 1 Ethylbenzene <0.00199 U 0.00199 mg/Kg 01/15/25 10:50 01/15/25 23:52 1 m-Xylene & p-Xylene 0.00398 01/15/25 10:50 01/15/25 23:52 <0.00398 U mg/Kg 1 0.00199 01/15/25 10:50 01/15/25 23:52 o-Xylene <0.00199 U mg/Kg 1 Xylenes, Total <0.00398 U 0.00398 mg/Kg 01/15/25 10:50 01/15/25 23:52 1 Surrogate %Recovery Qualifier Limits Prepared Analvzed Dil Fac 4-Bromofluorobenzene (Surr) 99 70 - 130 01/15/25 10:50 01/15/25 23:52 1 1,4-Difluorobenzene (Surr) 94 70 - 130 01/15/25 10:50 01/15/25 23:52 Method: TAL SOP Total BTEX - Total BTEX Calculation Analyte **Result Qualifier** RL MDL Unit D Prepared Analyzed Dil Fac Total BTEX <0.00398 Ū 0.00398 mg/Kg 01/15/25 23:52 Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit D Analyzed Dil Fac Prepared Total TPH <49.8 U 01/17/25 13:18 49.8 mg/Kg Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Gasoline Range Organics <49.8 U 49.8 01/15/25 10:28 01/17/25 13:18 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.8 U 49.8 01/15/25 10:28 01/17/25 13:18 mg/Kg C10-C28) Oil Range Organics (Over C28-C36) <49.8 U 49.8 01/15/25 10:28 01/17/25 13:18 mg/Kg %Recovery Qualifier Limits Prepared Analyzed Dil Fac Surrogate 1-Chlorooctane 74 70 - 130 01/15/25 10:28 01/17/25 13:18 71 70 - 130 01/15/25 10:28 01/17/25 13:18 o-Terphenyl 1 Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 10.1 01/15/25 22:01 Chloride 20.3 mg/Kg 1 Lab Sample ID: 880-53224-2 Client Sample ID: H-2 (0-0.5') Date Collected: 01/14/25 00:00 Matrix: Solid Date Received: 01/15/25 09:25 Method: SW846 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier MDL Unit Dil Fac RL D Prepared Analyzed Benzene 0.00248 0.00202 01/15/25 10:50 01/16/25 00:12 mg/Kg Toluene <0.00202 U 0.00202 mg/Kg 01/15/25 10:50 01/16/25 00:12 1 Ethylbenzene <0.00202 U 0.00202 mg/Kg 01/15/25 10:50 01/16/25 00:12 1 m-Xylene & p-Xylene <0.00403 U 0.00403 mg/Kg 01/15/25 10:50 01/16/25 00:12 1 o-Xylene <0.00202 U 0.00202 mg/Kg 01/15/25 10:50 01/16/25 00:12 Xylenes, Total <0.00403 U 0.00403 mg/Kg 01/15/25 10:50 01/16/25 00:12 Surrogate

| | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------|-----------|-----------|----------|----------------|----------------|---------|
| obenzene (Surr) | 112 | | 70 - 130 | 01/15/25 10:50 | 01/16/25 00:12 | 1 |
| enzene (Surr) | 94 | | 70 - 130 | 01/15/25 10:50 | 01/16/25 00:12 | 1 |
| | | | | | | |

Eurofins Midland

Client Sample ID: H-1 (0-0.5') Date Collected: 01/14/25 00:00

Date Received: 01/15/25 09:25

4-Bromofluorol 1,4-Difluorober

Matrix: Solid

Matrix: Solid

5

Client Sample Results

Job ID: 880-53224-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-53224-2

Project/Site: Ling Federal #3 Battery Client Sample ID: H-2 (0-0.5')

Date Collected: 01/14/25 00:00 Date Received: 01/15/25 09:25

Client: Carmona Resources

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|---------------|--------------|----------|-----|-------|---|----------------|----------------|---------|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 01/16/25 00:12 | 1 |
| Method: SW846 8015 NM - Diese | I Range Organ | ics (DRO) (0 | GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 01/17/25 13:34 | 1 |
| Method: SW846 8015B NM - Dies | el Range Orga | nics (DRO) | (GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <49.8 | U | 49.8 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 13:34 | |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <49.8 | U | 49.8 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 13:34 | |
| C10-C28) | | | | | | | | | |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 13:34 | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
| 1-Chlorooctane | 80 | | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 13:34 | |
| o-Terphenyl | 75 | | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 13:34 | 1 |
| Method: EPA 300.0 - Anions, Ion | Chromatograp | hy - Solubl | 9 | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Chloride | 23.7 | | 10.0 | | mg/Kg | | | 01/15/25 22:07 | |

Date Collected: 01/14/25 00:00

Date Received: 01/15/25 09:25

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | 0.00300 | | 0.00200 | | mg/Kg | | 01/15/25 10:50 | 01/16/25 00:33 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 01/15/25 10:50 | 01/16/25 00:33 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 01/15/25 10:50 | 01/16/25 00:33 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 01/15/25 10:50 | 01/16/25 00:33 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 01/15/25 10:50 | 01/16/25 00:33 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 01/15/25 10:50 | 01/16/25 00:33 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 107 | | 70 - 130 | | | | 01/15/25 10:50 | 01/16/25 00:33 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 _ 130 | | | | 01/15/25 10:50 | 01/16/25 00:33 | 1 |

| Method: TAL SOP Total BTEX - | Total BTEX Cal | culation | | | | | | | |
|------------------------------|-----------------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 01/16/25 00:33 | 1 |
| Method: SW846 8015 NM - Dies | el Range Organ | ics (DRO) (0 | GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 01/17/25 13:50 | 1 |
| Method: SW846 8015B NM - Die | esel Range Orga | nics (DRO) | (GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <49.7 | U | 49.7 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 13:50 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <49.7 | U | 49.7 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 13:50 | 1 |
| C10-C28) | | | | | | | | | |

Eurofins Midland

Matrix: Solid

Client Sample Results

Job ID: 880-53224-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-53224-3

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

Project/Site: Ling Federal #3 Battery

Date Collected: 01/14/25 00:00 Date Received: 01/15/25 09:25

Client: Carmona Resources

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|--------------|-------------|----------|-----|-------|---|----------------|----------------|--------------------|
| Oil Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 13:50 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 79 | | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 13:50 | 1 |
| o-Terphenyl | 75 | | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 13:50 | 1 |
| Method: EPA 300.0 - Anions, Ion | Chromatograp | hy - Solubl | e | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 32.3 | | 10.0 | | mg/Kg | | | 01/15/25 22:12 | 1 |
| - | | | | | | | | | |
| Client Sample ID: H-4 (0-0.5 |) | | | | | | Lab Sam | ple ID: 880-5 | 3224-4 |
| Client Sample ID: H-4 (0-0.5 Date Collected: 01/14/25 00:00 |) | | | | | | Lab Sam | | 3224-4 x: Solid |

| Method: SW846 8021B - Volati | le Organic Comp | ounds (GC) | | | | | | | |
|------------------------------|-----------------|------------|----------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | 0.00215 | | 0.00202 | | mg/Kg | | 01/15/25 10:50 | 01/16/25 00:54 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 01/15/25 10:50 | 01/16/25 00:54 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 01/15/25 10:50 | 01/16/25 00:54 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | | mg/Kg | | 01/15/25 10:50 | 01/16/25 00:54 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 01/15/25 10:50 | 01/16/25 00:54 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 01/15/25 10:50 | 01/16/25 00:54 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 96 | | 70 - 130 | | | | 01/15/25 10:50 | 01/16/25 00:54 | 1 |
| 1,4-Difluorobenzene (Surr) | 95 | | 70 - 130 | | | | 01/15/25 10:50 | 01/16/25 00:54 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 01/16/25 00:54 | 1 |

| Method: SW846 8015 NM - Diesel F | ange Organ | ics (DRO) (O | SC) | | | | | | |
|----------------------------------|------------|--------------|------|-----|-------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 01/17/25 14:05 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|--------------|-------------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics | <49.8 | U | 49.8 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 14:05 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <49.8 | U | 49.8 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 14:05 | 1 |
| C10-C28) | | | | | | | | | |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 14:05 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 77 | | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 14:05 | 1 |
| o-Terphenyl | 73 | | 70 - 130 | | | | 01/15/25 10:28 | 01/17/25 14:05 | 1 |
| Method: EPA 300.0 - Anions, Ion | Chromatograp | hy - Solubl | е | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 23.2 | | 10.0 | | mg/Kg | | | 01/15/25 22:18 | 1 |

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

attery

Method: 8021B - Volatile Organic Compounds (GC) Matrix: Solid

| | | BFB1 | DFBZ1 |
|---------------------|------------------------|----------|----------|
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) |
| 880-53224-1 | H-1 (0-0.5') | 99 | 94 |
| 880-53224-1 MS | H-1 (0-0.5') | 106 | 95 |
| 880-53224-1 MSD | H-1 (0-0.5') | 108 | 99 |
| 880-53224-2 | H-2 (0-0.5') | 112 | 94 |
| 880-53224-3 | H-3 (0-0.5') | 107 | 98 |
| 880-53224-4 | H-4 (0-0.5') | 96 | 95 |
| LCS 880-100311/1-A | Lab Control Sample | 103 | 96 |
| LCSD 880-100311/2-A | Lab Control Sample Dup | 119 | 94 |
| MB 880-100290/5-A | Method Blank | 95 | 91 |
| MB 880-100311/5-A | Method Blank | 99 | 90 |

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

| | | | | Percent Surrogate Recovery (Acceptance Limits) |
|---------------------|------------------------|----------|----------|--|
| | | 1CO1 | OTPH1 | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | |
| 880-53219-A-1-B MS | Matrix Spike | 83 | 84 | |
| 880-53219-A-1-C MSD | Matrix Spike Duplicate | 84 | 83 | |
| 880-53224-1 | H-1 (0-0.5') | 74 | 71 | |
| 880-53224-2 | H-2 (0-0.5') | 80 | 75 | |
| 880-53224-3 | H-3 (0-0.5') | 79 | 75 | |
| 880-53224-4 | H-4 (0-0.5') | 77 | 73 | |
| LCS 880-100310/2-A | Lab Control Sample | 77 | 78 | |
| LCSD 880-100310/3-A | Lab Control Sample Dup | 105 | 88 | |
| MB 880-100310/1-A | Method Blank | 112 | 109 | |

Surrogate Legend 1CO = 1-Chlorooctane

OTPH = o-Terphenyl

OTPH - 0-Terpheny

Prep Type: Total/NA

Prep Type: Total/NA

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Percent Surrogate Recovery (Acceptance Limits)

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Method: 8021B - Volatile Organic Compounds (GC)

| Lab Sample ID: MB 880-1002 | 290/5-A | | | | | | | | | Client Sa | mple ID: I | Nethod | Blank |
|---------------------------------------|-------------------------------|-----------|---------------------------|--------|-----|--------|-------|-----|-------|-----------------------|--------------------|----------|---------|
| Matrix: Solid | | | | | | | | | | | Prep T | ype: To | otal/NA |
| Analysis Batch: 100282 | | | | | | | | | | | Prep E | Batch: | 100290 |
| - | MB | MB | | | | | | | | | | | |
| Analyte | Result | Qualifier | RL | | MDL | Unit | | D | Р | repared | Analyz | ed | Dil Fac |
| Benzene | <0.00200 | U | 0.00200 | | | mg/Kg | | _ | 01/1 | 5/25 08:30 | 01/15/25 | 11:29 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | | mg/Kg | | | 01/1 | 5/25 08:30 | 01/15/25 | 11:29 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | | mg/Kg | | | 01/1 | 5/25 08:30 | 01/15/25 | 11:29 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | | mg/Kg | | | 01/1 | 5/25 08:30 | 01/15/25 | 11:29 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | | mg/Kg | | | 01/1 | 5/25 08:30 | 01/15/25 | 11:29 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | | mg/Kg | | | 01/1 | 5/25 08:30 | 01/15/25 | 11:29 | 1 |
| | 40 | | | | | | | | | | | | |
| Survey and the | MB % Beastramy | | Lingita | | | | | | _ | wa mayor d | Analyz | . d | |
| Surrogate 4-Bromofluorobenzene (Surr) | %Recovery 95 | Qualifier | Limits 70 - 130 | | | | | | | repared 5/25 08:30 | Analyz 01/15/25 | | Dil Fac |
| | 95 | | 70 - 130 70 - 130 | | | | | | | 5/25 08:30 | 01/15/25 | | - |
| 1,4-Difluorobenzene (Surr) | 91 | | 70 - 130 | | | | | | 01/1 | 5/25 06.30 | 01/15/25 | 11.29 | 1 |
| Lab Sample ID: MB 880-1003 | 311/5-A | | | | | | | | | Client Sa | mple ID: I | Nethod | Blank |
| Matrix: Solid | | | | | | | | | | | Prep T | ype: To | otal/NA |
| Analysis Batch: 100282 | | | | | | | | | | | | | 100311 |
| | MB | МВ | | | | | | | | | | | |
| Analyte | Result | Qualifier | RL | | MDL | Unit | | D | Р | repared | Analyz | ed | Dil Fac |
| Benzene | <0.00200 | U | 0.00200 | | | mg/Kg | | | 01/1 | 5/25 10:50 | 01/15/25 2 | 23:30 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | | mg/Kg | | | 01/1 | 5/25 10:50 | 01/15/25 2 | 23:30 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | | mg/Kg | | | 01/1 | 5/25 10:50 | 01/15/25 2 | 23:30 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | | mg/Kg | | | 01/1 | 5/25 10:50 | 01/15/25 2 | 23:30 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | | mg/Kg | | | 01/1 | 5/25 10:50 | 01/15/25 2 | 23:30 | 1 |
| Xylenes, Total | < 0.00400 | U | 0.00400 | | | mg/Kg | | | 01/1 | 5/25 10:50 | 01/15/25 2 | 23:30 | 1 |
| | 40 | | | | | | | | | | | | |
| Sumo moto | MB % Beastramy | | Lingita | | | | | | _ | wa mayor d | Analyz | . d | |
| Surrogate 4-Bromofluorobenzene (Surr) | %Recovery | Qualifier | <u>Limits</u> 70 - 130 | | | | | | | repared 5/25 10:50 | Analyz 01/15/25 | | Dil Fac |
| 1,4-Difluorobenzene (Surr) | 99 90 | | 70 - 130 70 - 130 | | | | | | | 5/25 10:50 | 01/15/25 | | 1 |
| | 30 | | 70 - 150 | | | | | | 01/1 | 5/25 10.50 | 01/10/201 | 20.00 | , |
| Lab Sample ID: LCS 880-100 |)311/1-A | | | | | | | С | lient | Sample | ID: Lab Co | ontrol S | Sample |
| Matrix: Solid | | | | | | | | | | | | | otal/NA |
| Analysis Batch: 100282 | | | | | | | | | | | | | 100311 |
| | | | Spike | LCS | LCS | | | | | | %Rec | | |
| Analyte | | | Added | Result | Qua | lifier | Unit | | D | %Rec | Limits | | |
| Benzene | | | 0.100 | 0.1165 | | | mg/Kg | | | 117 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.1250 | | | mg/Kg | | | 125 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1242 | | | mg/Kg | | | 124 | 70 - 130 | | |
| m-Xylene & p-Xylene | | | 0.200 | 0.2412 | | | mg/Kg | | | 121 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1301 | | | mg/Kg | | | 130 | 70 - 130 | | |
| | | | | | | | | | | | | | |
| Surragata | LCS LCS | | Limite | | | | | | | | | | |
| Surrogate 4-Bromofluorobenzene (Surr) | _ <u>%Recovery</u> Qua 103 | | Limits 70 - 130 | | | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 70 - 130 | | | | | | | | | | |
| | 90 | | 70 - 150 | | | | | | | | | | |
| Lab Sample ID: LCSD 880-10 | 00311/2-A | | | | | | Clie | ent | Sam | ple ID: L | ab Contro | I Samp | le Dup |
| Matrix: Solid | | | | | | | | | | - | | | otal/NA |
| Analysis Batch: 100282 | | | | | | | | | | | | | 100311 |
| - | | | Spike | LCSD | LCS | D | | | | | %Rec | | RPD |
| Analyte | | | Added | Result | | | Unit | | D | %Rec | Limits | RPD | Limit |
| Panzana | | | 0.100 | 0 1001 | | | malka | | | 100 | 70 120 | | 25 |

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7

Job ID: 880-53224-1 SDG: Lea County, New Mexico

70 - 130

109

Benzene

0.1091

mg/Kg

0.100

7 Eurofins Midland

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-53224-1 SDG: Lea County, New Mexico

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

| Lab Sample ID: LCSD 880-1 | 00311/2-A | | | | | Clier | nt Sam | ple ID: I | Lab Contro | | |
|---|-----------|-----------|----------|---------|-----------|----------------|--------|-----------|----------------------|----------|--------------------------|
| Matrix: Solid | | | | | | | | | | Type: To | |
| Analysis Batch: 100282 | | | | | | | | | Prep | Batch: 1 | 0031 [°] |
| | | | Spike | LCSD | LCSD | | | | %Rec | | RPI |
| Analyte | | | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limi |
| Toluene | | | 0.100 | 0.1178 | | mg/Kg | | 118 | 70 - 130 | 6 | 3 |
| Ethylbenzene | | | 0.100 | 0.1154 | | mg/Kg | | 115 | 70 - 130 | 7 | 3 |
| m-Xylene & p-Xylene | | | 0.200 | 0.2197 | | mg/Kg | | 110 | 70 - 130 | 9 | 3 |
| o-Xylene | | | 0.100 | 0.1204 | | mg/Kg | | 120 | 70 - 130 | 8 | 3 |
| | LCSD | LCSD | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | | quamer | 70 - 130 | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 94 | | 70 - 130 | | | | | | | | |
| | | | | | | | | | | | |
| Lab Sample ID: 880-53224-1 | MS | | | | | | | Clier | nt Sample I | | |
| Matrix: Solid | | | | | | | | | | Type: To | |
| Analysis Batch: 100282 | | | | | | | | | | Batch: 1 | 0031 |
| | Sample | Sample | Spike | MS | MS | | | | %Rec | | |
| Analyte | | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | | |
| Benzene | 0.00233 | | 0.0992 | 0.09993 | | mg/Kg | | 98 | 70 - 130 | | |
| Toluene | <0.00199 | U | 0.0992 | 0.07496 | | mg/Kg | | 76 | 70 - 130 | | |
| Ethylbenzene | <0.00199 | U | 0.0992 | 0.08219 | | mg/Kg | | 83 | 70 - 130 | | |
| m-Xylene & p-Xylene | <0.00398 | U | 0.198 | 0.1478 | | mg/Kg | | 74 | 70 - 130 | | |
| o-Xylene | <0.00199 | U | 0.0992 | 0.1008 | | mg/Kg | | 102 | 70 - 130 | | |
| | MS | MS | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 106 | | 70 - 130 | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 95 | | 70 - 130 | | | | | | | | |
| Lab Sample ID: 880-53224-1 | MSD | | | | | | | Clier | nt Sample I | D· H-1 (| 0_0 5 |
| Matrix: Solid | inob | | | | | | | 01101 | | Spe: To | |
| Analysis Batch: 100282 | | | | | | | | | | Batch: 1 | |
| Analysis Datch. 100202 | Sample | Sample | Spike | MSD | MSD | | | | %Rec | Daten. I | RP |
| Analyte | | Qualifier | Added | | Qualifier | Unit | D | %Rec | Limits | RPD | Lim |
| Benzene | 0.00233 | quamici | 0.100 | 0.1067 | | mg/Kg | | 104 | 70 - 130 | 7 | 3 |
| Toluene | < 0.00233 | | 0.100 | 0.08370 | | | | 83 | 70 - 130 70 - 130 | , 11 | 3 |
| | <0.00199 | | | 0.08370 | | mg/Kg mg/Kg | | | | | 3 |
| Ethylbenzene | | | 0.100 | | | mg/Kg | | 85 | 70 - 130 | 4 | |
| m-Xylene & p-Xylene | < 0.00398 | | 0.201 | 0.1540 | | mg/Kg | | 77 | 70 - 130 | 4 | 3 |
| p-Xylene | <0.00199 | U | 0.100 | 0.1012 | | mg/Kg | | 101 | 70 - 130 | 0 | 3 |
| | | MSD | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| | 108 | | 70 - 130 | | | | | | | | |
| 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | | | | | | | | |

| Lab Sample ID: MB 880-100310/1-A | | | | | | | Client Sa | mple ID: Metho | |
|----------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|----------|
| Matrix: Solid | | | | | | | | Prep Type: 1 | iotal/NA |
| Analysis Batch: 100509 | | | | | | | | Prep Batch: | 100310 |
| | MB | МВ | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <50.0 | U | 50.0 | | mg/Kg | | 01/15/25 10:28 | 01/17/25 04:57 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |

Eurofins Midland

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-53224-1 SDG: Lea County, New Mexico

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

| Lab Sample ID: MB 880-10031 Matrix: Solid | | | | | | | | | | Sherit Od | mple ID: Prep 1 | | otal/NA |
|--|--------------------------|---------------|----------------------|--------|-----|--------|----------|----|------|------------|--------------------|----------|--------------------|
| Analysis Batch: 100509 | | | | | | | | | | | | | 10031 |
| | М | в мв | | | | | | | | | | Button. | |
| Analyte | | It Qualifier | RL | | MDL | Unit | | D | Р | repared | Analyz | ed | Dil Fa |
| Diesel Range Organics (Over | <50. | | 50.0 | | | mg/Kg | | | | 5/25 10:28 | 01/17/25 | | |
| C10-C28) | | | | | | 5. | 5 | | | | | | |
| Oil Range Organics (Over C28-C36) | <50. | 0 U | 50.0 | | | mg/Kg | g | | 01/1 | 5/25 10:28 | 01/17/25 | 04:57 | |
| | | | | | | | | | | | | | |
| | M | | | | | | | | _ | | | | |
| Surrogate 1-Chlorooctane | %Recover | | <i>Limits</i> | | | | | | | repared | Analyz | | Dil Fa |
| | 11 10 | | 70 - 130 70 - 130 | | | | | | | 5/25 10:28 | 01/17/25 | | |
| o-Terphenyl | 10 | 9 | 70 - 130 | | | | | | 01/1 | 5/25 10:28 | 01/17/25 | 04.37 | |
| Lab Sample ID: LCS 880-1003 | 10/2-A | | | | | | | CI | ient | Sample | ID: Lab Co | ontrol | Sample |
| Matrix: Solid | | | | | | | | | | oumpio | | | otal/NA |
| Analysis Batch: 100509 | | | | | | | | | | | | | 100310 |
| Analysis Baten. 100000 | | | Spike | LCS | LCS | | | | | | %Rec | Battern. | 100010 |
| Analyte | | | Added | Result | | | Unit | | D | %Rec | Limits | | |
| Gasoline Range Organics | | | 1000 | 833.8 | ud | | mg/Kg | | _ | | 70 - 130 | | · |
| (GRO)-C6-C10 | | | 1000 | 555.0 | | | mgning | | | 00 | 10-100 | | |
| Diesel Range Organics (Over | | | 1000 | 775.7 | | | mg/Kg | | | 78 | 70 - 130 | | |
| C10-C28) | | | - | - | | | 0.0 | | | - | | | |
| | LCS LC | ·c | | | | | | | | | | | |
| Summa mata | | | Lingita | | | | | | | | | | |
| Surrogate 1-Chlorooctane | [%] Recovery Qu | alifier | Limits 70 - 130 | | | | | | | | | | |
| o-Terphenyl | 78 | | 70 - 130 70 - 130 | | | | | | | | | | |
| Matrix: Solid Analysis Batch: 100509 | | | | | | | | | | | | | otal/N/ 10031 |
| | | | Spike | LCSD | LCS | D | | | | | %Rec | | RPD |
| Analyte | | | Added | Result | Qua | lifier | Unit | | D | %Rec | Limits | RPD | |
| Gasoline Range Organics | | | 1000 | 894.7 | | | mg/Kg | | | 89 | 70 - 130 | 7 | 20 |
| (GRO)-C6-C10 Diesel Range Organics (Over | | | 1000 | 791.7 | | | malka | | | 79 | 70 - 130 | 2 | 20 |
| C10-C28) | | | 1000 | 191.1 | | | mg/Kg | | | 19 | 70 - 130 | 2 | . 20 |
| | | | | | | | | | | | | | |
| | LCSD LC | | | | | | | | | | | | |
| Surrogate | %Recovery Qu | alifier | Limits | | | | | | | | | | |
| 1-Chlorooctane | 105 | | 70 - 130 | | | | | | | | | | |
| o-Terphenyl | 88 | | 70 - 130 | | | | | | | | | | |
| Lab Cample ID: 000 52040 4 4 | DMS | | | | | | | | | Client | Sample ID | Motol | v Culles |
| Lab Sample ID: 880-53219-A-1 | -0 1010 | | | | | | | | | Gient S | Sample ID | | x Spike otal/NA |
| Matrix: Solid Analysis Batch: 100509 | | | | | | | | | | | | | |
| Analysis Daten. 100303 | Sample Sa | mnle | Spike | ме | MS | | | | | | %Rec | Daten: | 100310 |
| Analyte | Result Qu | - | Added | Result | | lifior | Unit | | D | %Rec | %Rec | | |
| Gasoline Range Organics | <49.9 U I | | 995 | 665.6 | | mei | mg/Kg | | _ | 67 | 70 - 130 | | |
| (GRO)-C6-C10 | ~ 4 8.8 UI | 1 | 333 | 000.0 | | | iiig/i\g | | | 07 | 10 - 130 | | |
| Diesel Range Organics (Over | <49.9 UI | =1 | 995 | 687.4 | F1 | | mg/Kg | | | 69 | 70 - 130 | | |
| C10-C28) | | | | | | | | | | | | | |
| | MS MS | | | | | | | | | | | | |
| Surrogate | | s Ialifier | Limits | | | | | | | | | | |
| 1-Chlorooctane | 83 | | 70 - 130 | | | | | | | | | | |
| | 00 | | .0-100 | | | | | | | | | | |

Eurofins Midland

84

o-Terphenyl

70 - 130

Job ID: 880-53224-1 SDG: Lea County, New Mexico

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

| Matrix: Solid | | | | | | Ŭ | | |): Matrix Sp Prep 1 | Гуре: То | |
|---|---|---------------------|---|--|------------------------------|-----------------------|---------|--|---|---|--|
| Analysis Batch: 100509 | | | | | | | | | | Batch: 1 | |
| Analysis Batch. 100303 | Sample | Sample | Spike | MSD | MSD | | | | %Rec | Daten. i | RPI |
| Analyte | - | Qualifier | Added | | Qualifier | Unit | D | %Rec | Limits | RPD | Limi |
| Gasoline Range Organics | <49.9 | | | 660.7 | | mg/Kg | | 66 | 70 - 130 | 1 | 2 |
| (GRO)-C6-C10 | ~43.5 | 011 | 990 | 000.7 | | mg/rtg | | 00 | 70 - 150 | | 2 |
| Diesel Range Organics (Over | <49.9 | U F1 | 995 | 671.3 | F1 | mg/Kg | | 67 | 70 - 130 | 2 | 2 |
| C10-C28) | | | | | | 5 5 | | | | | |
| | | | | | | | | | | | |
| • · · · | | MSD | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 84 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 83 | | 70 - 130 | | | | | | | | |
| ethod: 300.0 - Anions, lo Lab Sample ID: MB 880-1003 Matrix: Solid | | ograpny | | | | | | Client S | Sample ID: Prep | Method Type: So | |
| Analysis Batch: 100346 | | | | | | | | | | | |
| | | МВ МВ | | | | | | | | | |
| Analyte | R | esult Qualifier | | RL | MDL Unit | | D P | repared | Analyz | zed | Dil Fa |
| Chloride | < | :10.0 U | | 10.0 | mg/K | g . | | | 01/15/25 | 19:39 | |
| Analysis Batch: 100346 | | | Spike | | LCS | 1114 | _ | 0/ D | %Rec | | |
| Analyte | | | Added | Result | Qualifier | Unit | D | %Rec | Limits | | |
| | | | 0.50 | 007.7 | | | | | | | |
| Chloride | | | 250 | 237.7 | | mg/Kg | | 95 | 90 - 110 | | |
| Lab Sample ID: LCSD 880-10 | 0333/3-A | | 250 | 237.7 | | | | 95 | 90 - 110 Lab Contro | | |
| Lab Sample ID: LCSD 880-10 Matrix: Solid | 0333/3-A | | 250 | 237.7 | | | | 95 | 90 - 110 Lab Contro | ol Sampl Type: So | |
| Lab Sample ID: LCSD 880-10 Matrix: Solid | 0333/3-A | | | | LCSD | | | 95 | 90 - 110 Lab Contro Prep | | olubl |
| Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 | 0333/3-A | | Spike | LCSD | LCSD Qualifier | Clie | ent Sam | 95 aple ID: | 90 - 110 Lab Contro Prep %Rec | Type: S | olubi RP |
| Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 ^{Analyte} | 0333/3-A | | Spike Added | LCSD Result | LCSD Qualifier | Clie | | 95 aple ID: %Rec | 90 - 110 Lab Contro Prep %Rec Limits | | olubi RP Lim |
| Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 ^{Analyte} | 0333/3-A | | Spike | LCSD | | Clie | ent Sam | 95 aple ID: | 90 - 110 Lab Contro Prep %Rec | Type: So | olubl RP Lim |
| Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride | | | Spike Added | LCSD Result | | Clie | ent Sam | 95 pple ID: %Rec 95 | 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 | Type: So | olubi RP Lim 2 |
| Chloride Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A- Matrix: Solid | | | Spike Added | LCSD Result | | Clie | ent Sam | 95 pple ID: %Rec 95 | 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID | Type: So <u>RPD</u> 0 : Matrix | olubl RP Lim 2 Spik |
| Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A- Matrix: Solid | | | Spike Added | LCSD Result | | Clie | ent Sam | 95 pple ID: %Rec 95 | 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID | Type: So | olubl RP Lim 2 Spik |
| Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride | 1-D MS | Sample | Spike Added 250 | LCSD Result 238.0 | | Clie | ent Sam | 95 pple ID: %Rec 95 | 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID | Type: So <u>RPD</u> 0 : Matrix | olubl RP Lim 2 Spik |
| Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A- Matrix: Solid Analysis Batch: 100346 | - 1-D MS Sample | Sample Qualifier | Spike Added 250 Spike | LCSD Result 238.0 MS | Qualifier | Clie Unit mg/Kg | D | 95 nple ID: %Rec 95 Client | 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep %Rec | Type: So <u>RPD</u> 0 : Matrix | olubl RP Lim 2 Spik |
| Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A- Matrix: Solid Analysis Batch: 100346 Analyte | - 1-D MS Sample | Sample Qualifier | Spike Added 250 | LCSD Result 238.0 MS | Qualifier | Clie Unit mg/Kg | ent Sam | 95 pple ID: %Rec 95 | 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep | Type: So <u>RPD</u> 0 : Matrix | olub RP Lim 2 Spik |
| Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Chloride Lab Sample ID: 880-53222-A- Matrix: Solid Analysis Batch: 100346 | 1-D MS Sample Result | - | Spike Added 250 Spike Added | LCSD Result 238.0 MS Result | Qualifier | Clie Unit mg/Kg | D | 95 pple ID: %Rec 95 Client %Rec | 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep %Rec Limits | Type: So <u>RPD</u> 0 : Matrix | olub RP Lim 2 Spik |
| Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A- Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A- Matrix: Solid | 1-D MS Sample Result 80.1 | - | Spike Added 250 Spike Added | LCSD Result 238.0 MS Result | Qualifier | Clie Unit mg/Kg | ont Sam | 95 pple ID: %Rec 95 Client %Rec 99 | 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep %Rec Limits 90 - 110 20 - 110 | Type: So <u>RPD</u> 0 : Matrix Type: So | olub RP Lim 2 Spik olub |
| Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A- Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A- Matrix: Solid | 1-D MS Sample <u>Result</u> 80.1 | Qualifier | Spike Added 250 Spike Added | LCSD Result 238.0 MS Result 326.8 | Qualifier MS Qualifier | Clie Unit mg/Kg | ont Sam | 95 pple ID: %Rec 95 Client %Rec 99 | 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep %Rec Limits 90 - 110 20 - 110 | Type: So <u>RPD</u> 0 : Matrix Type: So pike Dup | olubi RP Lim 2 Spik olubi |
| Lab Sample ID: LCSD 880-10 Matrix: Solid Analysis Batch: 100346 Analyte Chloride Lab Sample ID: 880-53222-A- Matrix: Solid | 1-D MS Sample <u>Result</u> 80.1 | - | Spike Added 250 Spike Added | LCSD Result 238.0 MS Result 326.8 | Qualifier | Clie Unit mg/Kg | ont Sam | 95 pple ID: %Rec 95 Client %Rec 99 | 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 Sample ID Prep %Rec Limits 90 - 110 20 - 110 | Type: So <u>RPD</u> 0 : Matrix Type: So pike Dup | olubi RP Lim 2 Spik olubi |

QC Association Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Job ID: 880-53224-1 SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 100282

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-53224-1 | H-1 (0-0.5') | Total/NA | Solid | 8021B | 100311 |
| 880-53224-2 | H-2 (0-0.5') | Total/NA | Solid | 8021B | 100311 |
| 880-53224-3 | H-3 (0-0.5') | Total/NA | Solid | 8021B | 100311 |
| 880-53224-4 | H-4 (0-0.5') | Total/NA | Solid | 8021B | 100311 |
| MB 880-100290/5-A | Method Blank | Total/NA | Solid | 8021B | 100290 |
| MB 880-100311/5-A | Method Blank | Total/NA | Solid | 8021B | 100311 |
| LCS 880-100311/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 100311 |
| LCSD 880-100311/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 100311 |
| 880-53224-1 MS | H-1 (0-0.5') | Total/NA | Solid | 8021B | 100311 |
| 880-53224-1 MSD | H-1 (0-0.5') | Total/NA | Solid | 8021B | 100311 |

Prep Batch: 100290

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| MB 880-100290/5-A | Method Blank | Total/NA | Solid | 5035 | |

Prep Batch: 100311

| LCS 000-100311/1-A | Lab Control Sample | Iotal/INA | Solid | 0021B | 100311 |
|---------------------|------------------------|-----------|--------|--------|------------|
| LCSD 880-100311/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 100311 8 |
| 880-53224-1 MS | H-1 (0-0.5') | Total/NA | Solid | 8021B | 100311 |
| 880-53224-1 MSD | H-1 (0-0.5') | Total/NA | Solid | 8021B | 100311 9 |
| Prep Batch: 100290 | | | | | |
| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
| MB 880-100290/5-A | Method Blank | Total/NA | Solid | 5035 | 1 |
| Prep Batch: 100311 | | | | | |
| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
| 880-53224-1 | H-1 (0-0.5') | Total/NA | Solid | 5035 | |
| 880-53224-2 | H-2 (0-0.5') | Total/NA | Solid | 5035 | |
| 880-53224-3 | H-3 (0-0.5') | Total/NA | Solid | 5035 | |
| 880-53224-4 | H-4 (0-0.5') | Total/NA | Solid | 5035 | |
| MB 880-100311/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-100311/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-100311/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-53224-1 MS | H-1 (0-0.5') | Total/NA | Solid | 5035 | |
| 880-53224-1 MSD | H-1 (0-0.5') | Total/NA | Solid | 5035 | |
| | | | | | |

Analysis Batch: 100415

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 880-53224-1 | H-1 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 880-53224-2 | H-2 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 880-53224-3 | H-3 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 880-53224-4 | H-4 (0-0.5') | Total/NA | Solid | Total BTEX | |

GC Semi VOA

Prep Batch: 100310

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------------|------------------------|-----------|--------|-------------|------------|
| 880-53224-1 | H-1 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-53224-2 | H-2 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-53224-3 | H-3 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-53224-4 | H-4 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-100310/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-100310/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-100310/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-53219-A-1-B MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-53219-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |
| Analysis Batch: 100509 |) | | | | |
| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
| 880-53224-1 | H-1 (0-0.5') | Total/NA | Solid | 8015B NM | 100310 |

Eurofins Midland

QC Association Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

GC Semi VOA (Continued)

Analysis Batch: 100509 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-53224-2 | H-2 (0-0.5') | Total/NA | Solid | 8015B NM | 100310 |
| 880-53224-3 | H-3 (0-0.5') | Total/NA | Solid | 8015B NM | 100310 |
| 880-53224-4 | H-4 (0-0.5') | Total/NA | Solid | 8015B NM | 100310 |
| MB 880-100310/1-A | Method Blank | Total/NA | Solid | 8015B NM | 100310 |
| LCS 880-100310/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 100310 |
| LCSD 880-100310/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 100310 |
| 880-53219-A-1-B MS | Matrix Spike | Total/NA | Solid | 8015B NM | 100310 |
| 880-53219-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 100310 |

Analysis Batch: 100608

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 880-53224-1 | H-1 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 880-53224-2 | H-2 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 880-53224-3 | H-3 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 880-53224-4 | H-4 (0-0.5') | Total/NA | Solid | 8015 NM | |

HPLC/IC

Leach Batch: 100333

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-53224-1 | H-1 (0-0.5') | Soluble | Solid | DI Leach | |
| 880-53224-2 | H-2 (0-0.5') | Soluble | Solid | DI Leach | |
| 880-53224-3 | H-3 (0-0.5') | Soluble | Solid | DI Leach | |
| 880-53224-4 | H-4 (0-0.5') | Soluble | Solid | DI Leach | |
| MB 880-100333/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-100333/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-100333/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-53222-A-1-D MS | Matrix Spike | Soluble | Solid | DI Leach | |
| 880-53222-A-1-E MSD | Matrix Spike Duplicate | Soluble | Solid | DI Leach | |

Analysis Batch: 100346

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-53224-1 | H-1 (0-0.5') | Soluble | Solid | 300.0 | 100333 |
| 880-53224-2 | H-2 (0-0.5') | Soluble | Solid | 300.0 | 100333 |
| 880-53224-3 | H-3 (0-0.5') | Soluble | Solid | 300.0 | 100333 |
| 880-53224-4 | H-4 (0-0.5') | Soluble | Solid | 300.0 | 100333 |
| MB 880-100333/1-A | Method Blank | Soluble | Solid | 300.0 | 100333 |
| LCS 880-100333/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 100333 |
| LCSD 880-100333/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 100333 |
| 880-53222-A-1-D MS | Matrix Spike | Soluble | Solid | 300.0 | 100333 |
| 880-53222-A-1-E MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 100333 |

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Job ID: 880-53224-1 SDG: Lea County, New Mexico

Initial

Amount

5.02 g

5 mL

10.05 g

1 uL

4.95 g

50 mL

Final

Amount

5 mL

5 mL

10 mL

1 uL

50 mL

50 mL

Batch

Number

100311

100282

100415

100608

100310

100509

100333

100346

Dil

1

1

1

1

1

Factor

Run

Client Sample ID: H-1 (0-0.5') Date Collected: 01/14/25 00:00 Date Received: 01/15/25 09:25

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Soluble

Soluble

Batch

Туре

Prep

Analysis

Analysis

Analysis

Analysis

Analysis

Leach

Prep

Batch

Method

5035

8021B

Total BTEX

8015NM Prep

8015B NM

DI Leach

300.0

8015 NM

Job ID: 880-53224-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-53224-1 Matrix: Solid

Analyst

MNR

MNR

SM

SM

EL

TKC

SI

СН

Prepared

or Analyzed

01/15/25 10:50

01/15/25 23:52

01/15/25 23:52

01/17/25 13:18

01/15/25 10:28

01/17/25 13:18

01/15/25 12:02

01/15/25 22:01

Lab Sample ID: 880-53224-2 Matrix: Solid

rix: Solid

| 1 | 3 |
|---|---|

Client Sample ID: H-2 (0-0.5') Date Collected: 01/14/25 00:00

Date Received: 01/15/25 09:25

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 4.96 g | 5 mL | 100311 | 01/15/25 10:50 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 100282 | 01/16/25 00:12 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 100415 | 01/16/25 00:12 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 100608 | 01/17/25 13:34 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 100310 | 01/15/25 10:28 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 100509 | 01/17/25 13:34 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 100333 | 01/15/25 12:02 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 100346 | 01/15/25 22:07 | СН | EET MID |

Client Sample ID: H-3 (0-0.5') Date Collected: 01/14/25 00:00

Date Received: 01/15/25 09:25

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 100311 | 01/15/25 10:50 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 100282 | 01/16/25 00:33 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 100415 | 01/16/25 00:33 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 100608 | 01/17/25 13:50 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 100310 | 01/15/25 10:28 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 100509 | 01/17/25 13:50 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 100333 | 01/15/25 12:02 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 100346 | 01/15/25 22:12 | CH | EET MID |

Client Sample ID: H-4 (0-0.5') Date Collected: 01/14/25 00:00 Date Received: 01/15/25 09:25

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 4.96 g | 5 mL | 100311 | 01/15/25 10:50 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 100282 | 01/16/25 00:54 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 100415 | 01/16/25 00:54 | SM | EET MID |

Eurofins Midland

Matrix: Solid

Lab

EET MID

Lab Sample ID: 880-53224-3

Lab Sample ID: 880-53224-4

Matrix: Solid

Released to Imaging: 6/9/2025 2:53:19 PM

Project/Site: Ling Federal #3 Battery

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

Job ID: 880-53224-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-53224-4 Matrix: Solid

Date Collected: 01/14/25 00:00 Date Received: 01/15/25 09:25

Client: Carmona Resources

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Analysis | 8015 NM | | 1 | | | 100608 | 01/17/25 14:05 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 100310 | 01/15/25 10:28 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 100509 | 01/17/25 14:05 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 100333 | 01/15/25 12:02 | SI | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 100346 | 01/15/25 22:18 | CH | EET MID |

Laboratory References:

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

Eurofins Midland

Released to Imaging: 6/9/2025 2:53:19 PM

Accreditation/Certification Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-53224-1 SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

| Ithority | Program | n | Identification Number | Expiration Date |
|---|--|----------------------------|--|------------------------|
| xas | NELAP | | T104704400 | 06-30-25 |
| The fellowing enduted | فالقريبية القريب والمتراف والمراج والمربا والمراجع | he leherater is not certif | ind by the anyoming outbority. This lie | t may include analytes |
| for which the agency of | loes not offer certification. | 2 | ied by the governing authority. This lis | t may include analytes |
| for which the agency of Analysis Method | 1 / | Matrix | Analyte | |
| for which the agency of | loes not offer certification. | 2 | , , , , , , | |

Eurofins Midland

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Method Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Job ID: 880-53224-1 SDG: Lea County, New Mexico

| lethod | Method Description | Protocol | Laboratory |
|------------|------------------------------------|----------|------------|
| 021B | Volatile Organic Compounds (GC) | SW846 | EET MID |
| otal BTEX | Total BTEX Calculation | TAL SOP | EET MID |
| 015 NM | Diesel Range Organics (DRO) (GC) | SW846 | EET MID |
| 015B NM | Diesel Range Organics (DRO) (GC) | SW846 | EET MID |
| 00.0 | Anions, Ion Chromatography | EPA | EET MID |
| 035 | Closed System Purge and Trap | SW846 | EET MID |
| 015NM Prep | Microextraction | SW846 | EET MID |
| I 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: Ling Federal #3 Battery Job ID: 880-53224-1 SDG: Lea County, New Mexico

| _ab Sample ID | Client Sample ID | Matrix | Collected | Received | |
|---------------|------------------|--------|----------------|----------------|---------------------------------------|
| 380-53224-1 | H-1 (0-0.5') | Solid | 01/14/25 00:00 | 01/15/25 09:25 | |
| 380-53224-2 | H-2 (0-0.5') | Solid | 01/14/25 00:00 | 01/15/25 09:25 | |
| 380-53224-3 | H-3 (0-0.5') | Solid | 01/14/25 00:00 | 01/15/25 09:25 | |
| 380-53224-4 | H-4 (0-0.5') | Solid | 01/14/25 00:00 | 01/15/25 09:25 | |
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Chain of Custody



Page 1 of 1 Work Order Comments Project Manager: Conner Moehring Bill to: (if different) Grant Huckabay & Addison Guekler Carmona Resources Company Name: Fasken Oil and Ranch Program: UST/PST PRP rownfields RC perfund Company Name: State of Project: 310 W Wall St Ste 500 6101 Holiday Hill Road Address: Reporting:Level II Level III ST/UST RRP Level IV Midland, Texas 79707 Midland, TX 79701 City, State ZIP: City, State ZIP: Deliverables: EDD ADaPT Other Email: Granth@forl.com & addisong@forl.com 432-813-6823 ANALYSIS REQUEST Project Name: Ling Federal #3 Battery **Turn Around Preservative Codes** Pres. Routine Rush 2622 Project Number: None: NO DI Water: H₂O Code Lea County, New Mexico Due Date: Standard **Project Location** Cool: Cool MeOH: Me TPH 8015M (GRO + DRO + MRO) CRM HCL: HC Sampler's Name: HNO3: HN H₂S0₄: H₂ NaOH: Na Parameters SAMPLE RECEIPT Yes (No Tes Chloride 300.0 Temp Blank: Wet Ice: H₃PO₄: HP No BTEX 8021B Yes No HOLD Thermometer ID: NaHSO4: NABIS Received Intact: NA Correction Factor: Cooler Custody Seals: Yes No Na2S2O3: NaSO3 Yes No N/A Sample Custody Seals: Temperature Reading: Zn Acetate+NaOH: Zn Corrected Temperature: Total Containers: NaOH+Ascorbic Acid: SAPC Grab/ # of Sample Identification Date Time Soil Water **Sample Comments** Comp Cont H-1 (0-0.5') 1/14/2025 Х G 1 х Х Х Х G Х Х Х H-2 (0-0.5') 1/14/2025 1 H-3 (0-0.5') 1/14/2025 х G Х Х Х 1 H-4 (0-0.5') 1/14/2025 Х G 1 Х Х Х Comments:

Date/Time

Address:

Phone:

PO #:

1/17/2025

Relinquished by: (Signature)



Received by: (Signature)

Date/Time

925

ills

Received by OCD: 3/11/2025 9:56:16 AM

14

Job Number: 880-53224-1

List Source: Eurofins Midland

SDG Number: Lea County, New Mexico

Login Sample Receipt Checklist

Client: Carmona Resources

Login Number: 53224 List Number: 1

<6mm (1/4").

Creator: Vasquez, Julisa

| 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 | N/A | |



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring Carmona Resources 310 W Wall St Ste 500 Midland, Texas 79701 Generated 2/24/2025 4:44:17 PM

JOB DESCRIPTION

Ling Federal #3 Battery Lea County, New Mexico

JOB NUMBER

880-54752-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701







Eurofins Midland

Job Notes

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

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

Authorization

AMER

Generated 2/24/2025 4:44:17 PM

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

Eurofins Midland is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

Laboratory Job ID: 880-54752-1 SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Job ID: 880-54752-1 SDG: Lea County, New Mexico

|--|

| Qualifiers | | 3 |
|----------------|---|-----|
| GC VOA | | |
| Qualifier | Qualifier Description | |
| U | Indicates the analyte was analyzed for but not detected. | |
| GC Semi VOA | | 5 |
| Qualifier | Qualifier Description | |
| F1 | MS and/or MSD recovery exceeds control limits. | |
| S1- | Surrogate recovery exceeds control limits, low biased. | |
| S1+ | Surrogate recovery exceeds control limits, high biased. | |
| U | Indicates the analyte was analyzed for but not detected. | |
| HPLC/IC | | 8 |
| Qualifier | Qualifier Description | |
| U | Indicates the analyte was analyzed for but not detected. | 9 |
| Glossary | | 4 6 |
| 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: Ling Federal #3 Battery

Job ID: 880-54752-1

Job ID: 880-54752-1

Eurofins Midland

Job Narrative

880-54752-1

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

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

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

Receipt

The samples were received on 2/21/2025 10:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.7°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (1.5') (880-54752-1), CS-2 (1.5') (880-54752-2), CS-3 (1.5') (880-54752-3), CS-4 (2') (880-54752-4), CS-5 (2') (880-54752-5), CS-6 (2') (880-54752-6), CS-7 (2') (880-54752-7), SW-1 (1.5') (880-54752-8), SW-2 (1.5') (880-54752-9), SW-3 (1.5') (880-54752-10), SW-4 (2') (880-54752-11), ŚW-5 (2') (880-54752-12), ŚW-6 (2') (880-54752-13), ŚŴ-7 (2') (880-54752-14), ŚŴ-8 (2') (880-54752-15), ŚŴ-9 (2') (880-54752-16) and SW-10 (2') (880-54752-17).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: (CCV 880-103349/2), (CCV 880-103349/20) and (CCV 880-103349/33). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-103350 recovered under the lower control limit for m-Xylene & p-Xylene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported.

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

Diesel Range Organics

Method 8015MOD NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-103330 and analytical batch 880-103368 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-5 (2') (880-54752-5), SW-1 (1.5') (880-54752-8), SW-4 (2') (880-54752-11) and SW-6 (2') (880-54752-13). Evidence of matrix interferences is not obvious.

Method 8015MOD NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-103395/2-A) and (LCSD 880-103395/3-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Client Sample Results

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Job ID: 880-54752-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-54752-1

Matrix: Solid

5

Client Sample ID: CS-1 (1.5') Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

Project/Site: Ling Federal #3 Battery

Client: Carmona Resources

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
|---|----------------|--------------|----------|-----|-------|---|----------------|----------------|--------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 14:07 | |
| Foluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 14:07 | |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 14:07 | |
| n-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 14:07 | |
| p-Xylene | <0.00200 | | 0.00200 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 14:07 | |
| Kylenes, Total | <0.00399 | | 0.00399 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 14:07 | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
| 1-Bromofluorobenzene (Surr) | 97 | | 70 - 130 | | | | 02/21/25 11:05 | 02/21/25 14:07 | |
| 1,4-Difluorobenzene (Surr) | 92 | | 70 _ 130 | | | | 02/21/25 11:05 | 02/21/25 14:07 | |
| Method: TAL SOP Total BTEX - T | otal BTEX Calo | culation | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 02/21/25 14:07 | |
| Method: SW846 8015 NM - Diese | I Range Organ | ics (DRO) (| GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| otal TPH | <49.7 | U | 49.7 | | mg/Kg | | | 02/21/25 21:24 | |
| lethod: SW846 8015B NM - Dies | el Range Orga | nics (DRO) | (GC) | | | | | | |
| nalyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| asoline Range Organics GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 21:24 | |
| viesel Range Organics (Over 210-C28) | <49.7 | U | 49.7 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 21:24 | |
| il Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 21:24 | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil F |
| -Chlorooctane | 80 | | 70 - 130 | | | | 02/20/25 21:52 | 02/21/25 21:24 | |
| -Terphenyl | 72 | | 70 - 130 | | | | 02/20/25 21:52 | 02/21/25 21:24 | |
| Method: EPA 300.0 - Anions, Ion | Chromatograp | ohy - Solubi | le | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Chloride | <10.1 | U | 10.1 | | mg/Kg | | | 02/21/25 19:10 | |
| ient Sample ID: CS-2 (1.5') | | | | | | | Lab Sam | ple ID: 880-5 | 4752- |
| te Collected: 02/20/25 00:00 te Received: 02/21/25 10:10 | | | | | | | | Matri | x: Sol |
| Aethod: SW846 8021B - Volatile | Organic Comp | ounde (CC | \ \ | | | | | | |
| Analyte | | Qualifier |) RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Benzene | <0.00198 | | 0.00198 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 14:27 | |
| oluene | < 0.00198 | | 0.00198 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 14:27 | |
| thylbenzene | < 0.00198 | | 0.00198 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 14:27 | |
| I-Xylene & p-Xylene | < 0.00190 | | 0.00397 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 14:27 | |
| -Xylene | <0.00397 | | 0.00198 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 14:27 | |
| ylenes, Total | <0.00198 | | 0.00397 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 14:27 | |
| urrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil F |
| 1-Bromofluorobenzene (Surr) | 103 | | 70 - 130 | | | | 02/21/25 11:05 | 02/21/25 14:27 | |
| | | | | | | | | | |

Eurofins Midland

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Client Sample Results

Job ID: 880-54752-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-54752-2

Client Sample ID: CS-2 (1.5')

Project/Site: Ling Federal #3 Battery

Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

Client: Carmona Resources

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|---------------|-------------|----------|-----|-------|---|----------------|----------------|---------|
| Total BTEX | <0.00397 | U | 0.00397 | | mg/Kg | | | 02/21/25 14:27 | 1 |
| Method: SW846 8015 NM - Diese | I Range Organ | ics (DRO) (| GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 02/21/25 21:54 | 1 |
| Method: SW846 8015B NM - Dies | el Range Orga | nics (DRO) | (GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <49.8 | U | 49.8 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 21:54 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <49.8 | U | 49.8 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 21:54 | 1 |
| C10-C28) | | | | | | | | | |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 21:54 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 79 | | 70 - 130 | | | | 02/20/25 21:52 | 02/21/25 21:54 | 1 |
| o-Terphenyl | 70 | | 70 - 130 | | | | 02/20/25 21:52 | 02/21/25 21:54 | 1 |
| Method: EPA 300.0 - Anions, Ion | Chromatograp | hv - Solubl | е | | | | | | |
| Analyte | • • | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | <9.98 | U | 9.98 | | mg/Kg | | | 02/21/25 19:16 | 1 |

Client Sample ID: CS-3 (1.5')

Date Collected: 02/20/25 00:00

Lab Sample ID: 880-54752-3 Matrix: Solid

| Date Received: | 02/21/25 | 10:10 |
|----------------|----------|-------|

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 14:48 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 14:48 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 14:48 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 14:48 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 14:48 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 14:48 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 98 | | 70 - 130 | | | | 02/21/25 11:05 | 02/21/25 14:48 | 1 |
| 1,4-Difluorobenzene (Surr) | 93 | | 70 - 130 | | | | 02/21/25 11:05 | 02/21/25 14:48 | 1 |

| Method: TAL SOP Total BTEX - | Total BTEX Cal | culation | | | | | | | |
|------------------------------|-----------------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 02/21/25 14:48 | 1 |
| Method: SW846 8015 NM - Dies | el Range Organ | ics (DRO) (0 | GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 02/21/25 22:10 | 1 |
| Method: SW846 8015B NM - Die | esel Range Orga | nics (DRO) | (GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <49.8 | U | 49.8 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 22:10 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <49.8 | U | 49.8 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 22:10 | 1 |
| C10-C28) | | | | | | | | | |

Eurofins Midland

Client Sample Results

Job ID: 880-54752-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-54752-3

Client Sample ID: CS-3 (1.5')

Project/Site: Ling Federal #3 Battery

Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

Client: Carmona Resources

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|--------------|--------------|----------|-----|-------|---|----------------|----------------|--------------------|
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 22:10 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 89 | | 70 - 130 | | | | 02/20/25 21:52 | 02/21/25 22:10 | 1 |
| o-Terphenyl | 79 | | 70 - 130 | | | | 02/20/25 21:52 | 02/21/25 22:10 | 1 |
| Method: EPA 300.0 - Anions, Ion | Chromatograp | ohy - Solubl | e | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| | | | | | | | | 02/21/25 19:22 | |
| | <9.98 | U | 9.98 | | mg/Kg | | | 02/21/25 19.22 | ľ |
| Chloride Client Sample ID: CS-4 (2') | <9.98 | U | 9.98 | | mg/Kg | | Lab Sam | ple ID: 880-54 | 4752-4 |
| Chloride | <9.98 | U | 9.98 | | mg/Kg | | Lab Sam | ple ID: 880-54 | 4752-4 x: Solid |

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 15:08 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 15:08 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 15:08 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 15:08 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 15:08 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 15:08 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 100 | | 70 - 130 | | | | 02/21/25 11:05 | 02/21/25 15:08 | 1 |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 | | | | 02/21/25 11:05 | 02/21/25 15:08 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|------|----------|----------------|---------|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 02/21/25 15:08 | 1 |

| Method: SW846 8015 NM - Diesel R | ange Organi | ics (DRO) (0 | GC) | | | | | | |
|----------------------------------|-------------|--------------|------|-----|-------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 02/21/25 22:24 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|--------------|--------------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics | <49.7 | U | 49.7 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 22:24 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <49.7 | U | 49.7 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 22:24 | 1 |
| C10-C28) | | | | | | | | | |
| Oil Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 22:24 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 83 | | 70 - 130 | | | | 02/20/25 21:52 | 02/21/25 22:24 | 1 |
| o-Terphenyl | 74 | | 70 - 130 | | | | 02/20/25 21:52 | 02/21/25 22:24 | 1 |
| Method: EPA 300.0 - Anions, Ion | Chromatograp | ohy - Solubl | e | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | <9.98 | U | 9.98 | | mg/Kg | | | 02/21/25 19:29 | 1 |

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Project/Site: Ling Federal #3 Battery

Client Sample Results

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Job ID: 880-54752-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-54752-5

Matrix: Solid

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Client Sample ID: CS-5 (2') Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

Client: Carmona Resources

| Method: SW846 8021B - Volatile | Organic Comp | ounds (GC |) | | | | | | |
|---|-----------------|--------------|--------------------|-----|----------------|----------|----------------------------------|----------------------------------|----------|
| Analyte | Result | Qualifier | RL | MDL | Unit | <u>D</u> | Prepared | Analyzed | Dil Fac |
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 16:42 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 16:42 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 16:42 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 16:42 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 16:42 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 16:42 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 100 | | 70 - 130 | | | | 02/21/25 11:05 | 02/21/25 16:42 | 1 |
| 1,4-Difluorobenzene (Surr) | 95 | | 70 - 130 | | | | 02/21/25 11:05 | 02/21/25 16:42 | 1 |
| Method: TAL SOP Total BTEX - | Total BTEX Cald | culation | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 02/21/25 16:42 | 1 |
| _ Method: SW846 8015 NM - Diese | el Range Organ | ics (DRO) (| GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 02/21/25 22:39 | 1 |
| | sel Range Orga | nics (DRO) | (GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <49.8 | U | 49.8 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 22:39 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <49.8 | U | 49.8 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 22:39 | 1 |
| C10-C28) | | | | | | | | | |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 22:39 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 74 | | 70 - 130 | | | | 02/20/25 21:52 | 02/21/25 22:39 | 1 |
| o-Terphenyl | 65 | S1- | 70 - 130 | | | | 02/20/25 21:52 | 02/21/25 22:39 | 1 |
| Method: EPA 300.0 - Anions, lor | n Chromatograp | ohy - Solubl | le | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | <10.1 | U | 10.1 | | mg/Kg | | | 02/21/25 19:47 | 1 |
| Client Sample ID: CS-6 (2') | | | | | | | Lab Sam | ple ID: 880-5 | 4752-6 |
| Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10 | | | | | | | | Matri | x: Solid |
| _ | | | | | | | | | |
| Method: SW846 8021B - Volatile Analyte | • • | Qualifier |) RL | мпі | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | <0.00199 | | 0.00199 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 17:02 | 1 |
| Toluene | <0.00199 | | 0.00199 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 17:02 | 1 |
| Ethylbenzene | <0.00199 | | 0.00199 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 17:02 | 1 |
| m-Xylene & p-Xylene | <0.00199 | | 0.00398 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 17:02 | |
| | <0.00398 | | | | | | | | 1 |
| o-Xylene Xylenes, Total | <0.00199 | | 0.00199 0.00398 | | mg/Kg mg/Kg | | 02/21/25 11:05 02/21/25 11:05 | 02/21/25 17:02 02/21/25 17:02 | 1 |
| Surrogata | 0/ Docorre | Qualifier | l imita | | | | Bronored | Applyand | D# 5 |
| Surrogate 4-Bromofluorobenzene (Surr) | %Recovery | | Limits 70 - 130 | | | | Prepared | Analyzed | Dil Fac |
| | | | | | | | 02/21/25 11:05 | 02/21/25 17:02 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | | | | 02/21/25 11:05 | 02/21/25 17:02 | 1 |

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Client Sample Results

Job ID: 880-54752-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-54752-6

Client Sample ID: CS-6 (2')

Project/Site: Ling Federal #3 Battery

Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

Client: Carmona Resources

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|---------------|-------------|----------|-----|-------|---|----------------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 02/21/25 17:02 | 1 |
| Method: SW846 8015 NM - Diese | I Range Organ | ics (DRO) (| GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 02/21/25 22:54 | 1 |
| Method: SW846 8015B NM - Dies | el Range Orga | nics (DRO) | (GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <49.8 | U | 49.8 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 22:54 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <49.8 | U | 49.8 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 22:54 | 1 |
| C10-C28) | | | | | | | | | |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 22:54 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 92 | | 70 - 130 | | | | 02/20/25 21:52 | 02/21/25 22:54 | 1 |
| o-Terphenyl | 81 | | 70 - 130 | | | | 02/20/25 21:52 | 02/21/25 22:54 | 1 |
| Method: EPA 300.0 - Anions, Ion | Chromatograp | hy - Solubl | e | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | <9.96 | U | 9.96 | | mg/Kg | | | 02/21/25 19:53 | 1 |

Client Sample ID: CS-7 (2')

Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10 Lab Sample ID: 880-54752-7 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 | | 02/21/25 11:05 | 02/21/25 17:23 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 17:23 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 17:23 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 17:23 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 17:23 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 17:23 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 100 | | 70 - 130 | | | | 02/21/25 11:05 | 02/21/25 17:23 | 1 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | | | | 02/21/25 11:05 | 02/21/25 17:23 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation Analyte Result Qualifier MDL Unit RL D Prepared Analyzed Dil Fac Total BTEX <0.00399 U 0.00399 mg/Kg 02/21/25 17:23 1 Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit D Analyzed Dil Fac Prepared Total TPH <50.0 U 02/21/25 23:08 50.0 mg/Kg 1 Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit D Prepared Dil Fac Analyzed <50.0 U 50.0 02/20/25 21:52 02/21/25 23:08 Gasoline Range Organics mg/Kg 1

 Gasoline Range Organics
 <50.0</th>
 U
 50.0
 mg/Kg
 02/20/25 21:52
 02/21/25 23:08

 (GRO)-C6-C10
 Diesel Range Organics (Over
 <50.0</td>
 U
 50.0
 mg/Kg
 02/20/25 21:52
 02/21/25 23:08

 C10-C28)
 C10-C28
 Diesel Range Organics (Over
 <50.0</td>
 U
 50.0
 mg/Kg
 02/20/25 21:52
 02/21/25 23:08

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Client Sample Results

Job ID: 880-54752-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-54752-7

Client Sample ID: CS-7 (2')

Project/Site: Ling Federal #3 Battery

Date Collected: 02/20/25 00:00

Client: Carmona Resources

| Method: SW846 8015B NM - Dies | sel Range Orga | nics (DRO) | (GC) (Continu | ied) | | | | | |
|---|--|---|--|------|---|----------|---|---|----------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 23:08 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 86 | | 70 - 130 | | | | 02/20/25 21:52 | 02/21/25 23:08 | 1 |
| o-Terphenyl | 77 | | 70 - 130 | | | | 02/20/25 21:52 | 02/21/25 23:08 | 1 |
| Method: EPA 300.0 - Anions, Ion | Chromatograp | hy - Solubl | e | | | | | | |
| Analyte | | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | <9.94 | U | 9.94 | | mg/Kg | | | 02/21/25 19:59 | 1 |
| ate Collected: 02/20/25 00:00 |) | | | | | | Lab Sam | ple ID: 880-5 Matri | |
| ate Collected: 02/20/25 00:00 ate Received: 02/21/25 10:10 Method: SW846 8021B - Volatile | Organic Comp | | | | | | | Matri | x: Solic |
| ate Collected: 02/20/25 00:00 ate Received: 02/21/25 10:10 Method: SW846 8021B - Volatile Analyte | Organic Comp | Qualifier | RL | MDL | Unit | D | Prepared | Matri | Dil Fac |
| ate Collected: 02/20/25 00:00 ate Received: 02/21/25 10:10 Method: SW846 8021B - Volatile Analyte Benzene | Organic Comp Result <0.00200 | Qualifier | RL 0.00200 | MDL | mg/Kg | <u>D</u> | Prepared 02/21/25 11:05 | Matri Analyzed 02/21/25 17:43 | Dil Fac |
| ate Collected: 02/20/25 00:00 ate Received: 02/21/25 10:10 Method: SW846 8021B - Volatile Analyte Benzene Toluene | Organic Comp | Qualifier U U | RL 0.00200 0.00200 | MDL | mg/Kg mg/Kg | <u>D</u> | Prepared 02/21/25 11:05 02/21/25 11:05 | Matri Analyzed 02/21/25 17:43 02/21/25 17:43 | Dil Fac |
| ate Collected: 02/20/25 00:00 ate Received: 02/21/25 10:10 Method: SW846 8021B - Volatile Analyte Benzene Toluene Ethylbenzene | Organic Comp Result <0.00200 <0.00200 <0.00200 | Qualifier U U U | RL 0.00200 0.00200 0.00200 | MDL | mg/Kg mg/Kg mg/Kg | <u>D</u> | Prepared 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 | Matri <u>Analyzed</u> 02/21/25 17:43 02/21/25 17:43 02/21/25 17:43 | Dil Fac |
| ate Collected: 02/20/25 00:00 ate Received: 02/21/25 10:10 Method: SW846 8021B - Volatile Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene | Organic Comp Result <0.00200 <0.00200 <0.00200 <0.00200 <0.00401 | Qualifier U U U U U | RL 0.00200 0.00200 0.00200 0.00200 0.00200 0.00401 | MDL | mg/Kg mg/Kg mg/Kg mg/Kg | <u>D</u> | Prepared 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 | Matri <u>Analyzed</u> 02/21/25 17:43 02/21/25 17:43 02/21/25 17:43 02/21/25 17:43 | Dil Fac |
| ate Collected: 02/20/25 00:00 ate Received: 02/21/25 10:10 Method: SW846 8021B - Volatile Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene | Organic Comp Result <0.00200 <0.00200 <0.00200 <0.00200 <0.00401 <0.00200 | Qualifier U U U U U U | RL 0.00200 0.00200 0.00200 0.00200 0.00401 0.00200 | MDL | mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg | <u>D</u> | Prepared 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 | Matri 02/21/25 17:43 02/21/25 17:43 02/21/25 17:43 02/21/25 17:43 02/21/25 17:43 | Dil Fac |
| ate Collected: 02/20/25 00:00 ate Received: 02/21/25 10:10 Method: SW846 8021B - Volatile Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene | Organic Comp Result <0.00200 <0.00200 <0.00200 <0.00200 <0.00401 | Qualifier U U U U U U | RL 0.00200 0.00200 0.00200 0.00200 0.00200 0.00401 | MDL | mg/Kg mg/Kg mg/Kg mg/Kg | <u>D</u> | Prepared 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 | Matri <u>Analyzed</u> 02/21/25 17:43 02/21/25 17:43 02/21/25 17:43 02/21/25 17:43 | Dil Fac |
| ate Collected: 02/20/25 00:00 ate Received: 02/21/25 10:10 Method: SW846 8021B - Volatile Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Xylenes, Total | Organic Comp Result <0.00200 <0.00200 <0.00200 <0.00200 <0.00401 <0.00200 | Qualifier U U U U U U U U | RL 0.00200 0.00200 0.00200 0.00200 0.00401 0.00200 | MDL | mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg | <u>D</u> | Prepared 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 | Matri 02/21/25 17:43 02/21/25 17:43 02/21/25 17:43 02/21/25 17:43 02/21/25 17:43 | Dil Fac |
| Client Sample ID: SW-1 (1.5' pate Collected: 02/20/25 00:00 pate Received: 02/21/25 10:10 Method: SW846 8021B - Volatile Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) | Organic Comp Result <0.00200 <0.00200 <0.00200 <0.00401 <0.00200 <0.00401 | Qualifier U U U U U U U U | RL 0.00200 0.00200 0.00200 0.00200 0.00401 0.00200 0.00200 | MDL | mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg | <u>D</u> | Prepared 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 | Matri 02/21/25 17:43 02/21/25 17:43 02/21/25 17:43 02/21/25 17:43 02/21/25 17:43 02/21/25 17:43 | Dil Fac |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 02/21/25 17:43 | 1 |

| Method: SW846 8015 NM - Diesel Ra | inge Organi | ics (DRO) (G | C) | | | | | |
|-----------------------------------|-------------|--------------|------|----------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | <50.0 | U | 50.0 | mg/Kg | | | 02/21/25 23:24 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|--------------|--------------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics | <50.0 | U | 50.0 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 23:24 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <50.0 | U | 50.0 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 23:24 | 1 |
| C10-C28) | | | | | | | | | |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 23:24 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 77 | | 70 - 130 | | | | 02/20/25 21:52 | 02/21/25 23:24 | 1 |
| o-Terphenyl | 68 | S1- | 70 - 130 | | | | 02/20/25 21:52 | 02/21/25 23:24 | 1 |
| Method: EPA 300.0 - Anions, Ion | Chromatograp | ohy - Solubl | е | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 02/21/25 20:05 | 1 |

Eurofins Midland

Matrix: Solid

Project/Site: Ling Federal #3 Battery

Client Sample ID: SW-2 (1.5')

Client: Carmona Resources

Client Sample Results

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Job ID: 880-54752-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-54752-9

5

| Method: SW846 8021B - Volatile C | Organic Comp | ounds (GC) | | | | | | | |
|---|---------------------------------------|-----------------------|----------------------|-----|----------------|----------|----------------------------------|----------------------------------|-----------|
| Analyte | · · · · · · · · · · · · · · · · · · · | Qualifier | RL | MDL | | <u>D</u> | Prepared | Analyzed | Dil Fa |
| Benzene | <0.00199 | | 0.00199 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 18:04 | |
| Toluene | <0.00199 | | 0.00199 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 18:04 | |
| Ethylbenzene | <0.00199 | | 0.00199 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 18:04 | |
| m-Xylene & p-Xylene | <0.00398 | | 0.00398 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 18:04 | |
| o-Xylene Xylenes, Total | <0.00199 <0.00398 | | 0.00199 0.00398 | | mg/Kg mg/Kg | | 02/21/25 11:05 02/21/25 11:05 | 02/21/25 18:04 02/21/25 18:04 | |
| | | | | | mg/ng | | | | |
| Surrogate 4-Bromofluorobenzene (Surr) | | Qualifier | Limits 70 - 130 | | | | Prepared 02/21/25 11:05 | Analyzed 02/21/25 18:04 | Dil Fa |
| | 103 | | 70 - 130 70 - 130 | | | | 02/21/25 11:05 | 02/21/25 18:04 | |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | | | | 02/21/25 11.05 | 02/21/25 16.04 | |
| Method: TAL SOP Total BTEX - To | | culation Qualifier | RL | MDL | Unit | D | Prepared | Analyzod | Dil Fa |
| Analyte Total BTEX | <0.00398 | | 0.00398 | | | | Flepaleu | Analyzed 02/21/25 18:04 | |
| | <0.00396 | 0 | 0.00396 | | mg/Kg | | | 02/21/25 16.04 | |
| Method: SW846 8015 NM - Diesel | | | | | | _ | . . | | |
| Analyte | | Qualifier | RL | MDL | | D | Prepared | Analyzed | Dil Fa |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 02/21/25 23:38 | |
| Method: SW846 8015B NM - Diese | | | | | | | | | |
| Analyte | | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 23:38 | |
| Diesel Range Organics (Over | <49.9 | U | 49.9 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 23:38 | |
| C10-C28) Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 23:38 | |
| Surrogata | ⁰ /Basayany | Qualifiar | Limits | | | | Branarad | Analyzad | Dil Fa |
| Surrogate 1-Chlorooctane | 80 | Qualifier | 70 - 130 | | | | Prepared 02/20/25 21:52 | Analyzed 02/21/25 23:38 | DIIFa |
| o-Terphenyl | 80 70 | | 70 - 130 70 - 130 | | | | 02/20/25 21:52 | 02/21/25 23:38 | |
| | | | | | | | | | |
| Method: EPA 300.0 - Anions, Ion | | - | | | 1114 | - | Descended | Ameliana | D!! E- |
| Analyte | | Qualifier | RL | MDL | | D | Prepared | Analyzed | Dil Fa |
| Chloride | <9.94 | 0 | 9.94 | | mg/Kg | | | 02/21/25 20:11 | |
| Client Sample ID: SW-3 (1.5') | | | | | | | Lab Samp | le ID: 880-54 | |
| Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10 | | | | | | | | Matri | ix: Solie |
| - | | aunda (CC) | | | | | | | |
| Method: SW846 8021B - Volatile C Analyte | • • | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Benzene | <0.00199 | | 0.00199 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 18:25 | |
| Toluene | < 0.00199 | | 0.00199 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 18:25 | |
| Ethylbenzene | < 0.00199 | | 0.00199 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 18:25 | |
| m-Xylene & p-Xylene | <0.00398 | | 0.00398 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 18:25 | |
| o-Xylene | < 0.00199 | | 0.00199 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 18:25 | |
| Xylenes, Total | <0.00398 | | 0.00398 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 18:25 | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
| 4-Bromofluorobenzene (Surr) | 104 | | 70 - 130 | | | | 02/21/25 11:05 | 02/21/25 18:25 | |
| | | | | | | | | | |

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Client Sample Results

Job ID: 880-54752-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-54752-10

Project/Site: Ling Federal #3 Battery Client Sample ID: SW-3 (1.5')

Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

Client: Carmona Resources

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|---------------|-------------|----------|-----|-------|---|----------------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 02/21/25 18:25 | 1 |
| Method: SW846 8015 NM - Diese | Range Organ | ics (DRO) (| GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 02/21/25 23:53 | 1 |
| Method: SW846 8015B NM - Dies | el Range Orga | nics (DRO) | (GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <50.0 | U | 50.0 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 23:53 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <50.0 | U | 50.0 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 23:53 | 1 |
| C10-C28) | | | | | | | | | |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/20/25 21:52 | 02/21/25 23:53 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 81 | | 70 - 130 | | | | 02/20/25 21:52 | 02/21/25 23:53 | 1 |
| o-Terphenyl | 71 | | 70 - 130 | | | | 02/20/25 21:52 | 02/21/25 23:53 | 1 |
| Method: EPA 300.0 - Anions, Ion | Chromatograp | hy - Solubl | e | | | | | | |
| Analyte | | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | <9.90 | U | 9.90 | | mg/Kg | | | 02/21/25 20:17 | 1 |

Client Sample ID: SW-4 (2')

Date Collected: 02/20/25 00:00

Lab Sample ID: 880-54752-11 Matrix: Solid

Date Received: 02/21/25 10:10

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | < 0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 18:45 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 18:45 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 18:45 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 18:45 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 18:45 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 18:45 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 98 | | 70 - 130 | | | | 02/21/25 11:05 | 02/21/25 18:45 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 _ 130 | | | | 02/21/25 11:05 | 02/21/25 18:45 | 1 |

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|-----------------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 02/21/25 18:45 | 1 |
| - Method: SW846 8015 NM - Dies | el Range Organ | ics (DRO) (C | GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 02/22/25 00:08 | 1 |
| - Method: SW846 8015B NM - Die | esel Range Orga | nics (DRO) | (GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 02/20/25 21:52 | 02/22/25 00:08 | 1 |
| Diesel Range Organics (Over | <49.9 | | 49.9 | | mg/Kg | | 02/20/25 21:52 | 02/22/25 00:08 | |

Eurofins Midland

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C10-C28)

5

Client Sample Results

Job ID: 880-54752-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-54752-11

Client Sample ID: SW-4 (2')

Project/Site: Ling Federal #3 Battery

Client: Carmona Resources

| Method: SW846 8015B NM - Dies | sel Range Orga | nics (DRO) | (GC) (Continu | ied) | | | | | |
|--|--|--|--|------|---|----------|--|---|-------------------------------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 02/20/25 21:52 | 02/22/25 00:08 | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
| 1-Chlorooctane | 78 | | 70 - 130 | | | | 02/20/25 21:52 | 02/22/25 00:08 | |
| o-Terphenyl | 68 | S1- | 70 - 130 | | | | 02/20/25 21:52 | 02/22/25 00:08 | |
| Method: EPA 300.0 - Anions, Ion | Chromatograp | hy - Solubl | e | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Chloride | <10.0 | U | 10.0 | | mg/Kg | | | 02/21/25 20:35 | |
| ate Collected: 02/20/25 00:00 | | | | | | | Lab Samp | le ID: 880-54 Matri | |
| ate Collected: 02/20/25 00:00 ate Received: 02/21/25 10:10 | Organic Comp | ounds (GC | | | | | Lab Samp | | |
| ate Collected: 02/20/25 00:00 ate Received: 02/21/25 10:10 Method: SW846 8021B - Volatile | | <mark>ounds (GC</mark> Qualifier | | MDL | Unit | D | Lab Samp | | ix: Soli |
| ate Collected: 02/20/25 00:00 ate Received: 02/21/25 10:10 Method: SW846 8021B - Volatile Analyte | | |) | MDL | | <u>D</u> | | Matri | ix: Soli |
| ate Collected: 02/20/25 00:00 ate Received: 02/21/25 10:10 Method: SW846 8021B - Volatile Analyte Benzene | Result | Qualifier U |) RL | MDL | Unit | D | Prepared | Matri Analyzed | ix: Soli |
| ate Collected: 02/20/25 00:00 ate Received: 02/21/25 10:10 Method: SW846 8021B - Volatile Analyte Benzene Toluene | Result <0.00201 | Qualifier U U |) | MDL | Unit mg/Kg | <u>D</u> | Prepared 02/21/25 11:05 | Matri Analyzed 02/21/25 19:06 | ix: Soli |
| ate Collected: 02/20/25 00:00 ate Received: 02/21/25 10:10 Method: SW846 8021B - Volatile Analyte Benzene Toluene Ethylbenzene | Result <0.00201 | Qualifier U U U |) | MDL | Unit mg/Kg mg/Kg | <u>D</u> | Prepared 02/21/25 11:05 02/21/25 11:05 | Matri <u>Analyzed</u> 02/21/25 19:06 02/21/25 19:06 | Dil Fa |
| ate Collected: 02/20/25 00:00 ate Received: 02/21/25 10:10 Method: SW846 8021B - Volatile Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene | Result <0.00201 | Qualifier U U U U | RL 0.00201 0.00201 0.00201 | MDL | Unit mg/Kg mg/Kg mg/Kg | <u>D</u> | Prepared 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 | Matri <u>Analyzed</u> 02/21/25 19:06 02/21/25 19:06 02/21/25 19:06 | Dil Fa |
| ate Collected: 02/20/25 00:00 ate Received: 02/21/25 10:10 Method: SW846 8021B - Volatile Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene | Result <0.00201 | Qualifier U U U U U U | RL 0.00201 0.00201 0.00201 0.00201 0.00402 | MDL | Unit mg/Kg mg/Kg mg/Kg mg/Kg | <u>D</u> | Prepared 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 | Matri <u>Analyzed</u> 02/21/25 19:06 02/21/25 19:06 02/21/25 19:06 02/21/25 19:06 | Dil Fa |
| ate Collected: 02/20/25 00:00 ate Received: 02/21/25 10:10 Method: SW846 8021B - Volatile Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Xylenes, Total | Result <0.00201 | Qualifier U U U U U U U | RL 0.00201 0.00201 0.00201 0.00402 0.00201 | MDL | Unit mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg | D | Prepared 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 | Matri 02/21/25 19:06 02/21/25 19:06 02/21/25 19:06 02/21/25 19:06 02/21/25 19:06 | 752-12 ix: Solid Dil Fa |
| Client Sample ID: SW-5 (2') ate Collected: 02/20/25 00:00 ate Received: 02/21/25 10:10 Method: SW846 8021B - Volatile Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) | Result <0.00201 <0.00201 <0.00201 <0.00402 <0.00201 <0.00402 | Qualifier U U U U U U U | RL 0.00201 0.00201 0.00201 0.00402 0.00201 0.00402 | MDL | Unit mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg | D | Prepared 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 02/21/25 11:05 | Matri 02/21/25 19:06 02/21/25 19:06 02/21/25 19:06 02/21/25 19:06 02/21/25 19:06 02/21/25 19:06 | Dil Fa |

TAL SOP Total BTEX - Total BTEX Calculation Method:

| | | MDL Unit | epared Analyzed | Dil Fac |
|-----------------------|---------|----------|---------------------|---------|
| Total BTEX <0.00402 U | 0.00402 | mg/Kg | 02/21/25 19:06 | 1 |

| Method: SW846 8015 NM - Diesel F | Range Organi | ics (DRO) (| (GC) | | | | | | |
|----------------------------------|--------------|-------------|------|-----|-------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 02/22/25 06:04 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|--------------|-------------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics | <49.9 | U | 49.9 | | mg/Kg | | 02/21/25 13:16 | 02/22/25 06:04 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <49.9 | U | 49.9 | | mg/Kg | | 02/21/25 13:16 | 02/22/25 06:04 | 1 |
| C10-C28) | | | | | | | | | |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 02/21/25 13:16 | 02/22/25 06:04 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 82 | | 70 - 130 | | | | 02/21/25 13:16 | 02/22/25 06:04 | 1 |
| o-Terphenyl | 75 | | 70 - 130 | | | | 02/21/25 13:16 | 02/22/25 06:04 | 1 |
| Method: EPA 300.0 - Anions, Ion | Chromatograp | hy - Solubl | e | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | <9.94 | U | 9.94 | | mg/Kg | | | 02/21/25 21:24 | 1 |

Client Sample Results

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Matrix: Solid

5

Job ID: 880-54752-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-54752-13

Client Sample ID: SW-6 (2') Date Collected: 02/20/25 00:00

Project/Site: Ling Federal #3 Battery

Date Received: 02/21/25 10:10

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Client: Carmona Resources

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|----------------|-------------|----------|-----|-------|---|----------------|----------------|----------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 19:26 | |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 19:26 | |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 19:26 | |
| n-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 19:26 | |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 19:26 | |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 19:26 | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
| 4-Bromofluorobenzene (Surr) | 97 | | 70 - 130 | | | | 02/21/25 11:05 | 02/21/25 19:26 | |
| 1,4-Difluorobenzene (Surr) | 94 | | 70 - 130 | | | | 02/21/25 11:05 | 02/21/25 19:26 | |
| Method: TAL SOP Total BTEX - T | otal BTEX Calo | ulation | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 02/21/25 19:26 | |
| Method: SW846 8015 NM - Diese | I Range Organ | ics (DRO) (| GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 02/22/25 06:19 | |
| Method: SW846 8015B NM - Dies | sel Range Orga | nics (DRO) | (GC) | | | | | | |
| Analyte | | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 02/21/25 13:16 | 02/22/25 06:19 | |
| Diesel Range Organics (Over | <50.0 | U | 50.0 | | mg/Kg | | 02/21/25 13:16 | 02/22/25 06:19 | |
| C10-C28) | | | | | | | | | |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/21/25 13:16 | 02/22/25 06:19 | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
| 1-Chlorooctane | 76 | | 70 - 130 | | | | 02/21/25 13:16 | 02/22/25 06:19 | |
| o-Terphenyl | 68 | S1- | 70 - 130 | | | | 02/21/25 13:16 | 02/22/25 06:19 | |
| Method: EPA 300.0 - Anions, Ion | Chromatograp | hy - Solubl | e | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Chloride | <9.92 | U | 9.92 | | mg/Kg | | | 02/21/25 20:42 | |
| lient Sample ID: SW-7 (2') | | | | | | | Lab Samp | le ID: 880-54 | 752-14 |
| ate Collected: 02/20/25 00:00 | | | | | | | | Matri | x: Solie |
| ate Received: 02/21/25 10:10 | | | | | | | | | |
| | | | | | | | | | |

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 19:47 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 19:47 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 19:47 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 19:47 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 19:47 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 02/21/25 11:05 | 02/21/25 19:47 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 101 | | 70 - 130 | | | | 02/21/25 11:05 | 02/21/25 19:47 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | | | | 02/21/25 11:05 | 02/21/25 19:47 | 1 |

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Client Sample Results

Job ID: 880-54752-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-54752-14

Client Sample ID: SW-7 (2')

Project/Site: Ling Federal #3 Battery

Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

Client: Carmona Resources

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|---------------|-------------|----------|-----|-------|---|----------------|----------------|---------|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 02/21/25 19:47 | 1 |
| Method: SW846 8015 NM - Diesel | Range Organ | ics (DRO) (| GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 02/22/25 06:33 | 1 |
| Method: SW846 8015B NM - Dies | el Range Orga | nics (DRO) | (GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <49.8 | U | 49.8 | | mg/Kg | | 02/21/25 13:16 | 02/22/25 06:33 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <49.8 | U | 49.8 | | mg/Kg | | 02/21/25 13:16 | 02/22/25 06:33 | 1 |
| C10-C28) | | | | | | | | | |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 02/21/25 13:16 | 02/22/25 06:33 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 92 | | 70 - 130 | | | | 02/21/25 13:16 | 02/22/25 06:33 | 1 |
| o-Terphenyl | 83 | | 70 - 130 | | | | 02/21/25 13:16 | 02/22/25 06:33 | 1 |
| Method: EPA 300.0 - Anions, Ion | Chromatograp | hy - Solubl | e | | | | | | |
| Analyte | | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | <10.1 | U | 10.1 | | mg/Kg | | | 02/21/25 21:00 | 1 |

Client Sample ID: SW-8 (2')

Date Collected: 02/20/25 00:00

Lab Sample ID: 880-54752-15 Matrix: Solid

Date Received: 02/21/25 10:10

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | < 0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:07 | 02/21/25 16:33 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:07 | 02/21/25 16:33 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:07 | 02/21/25 16:33 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/25 11:07 | 02/21/25 16:33 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 11:07 | 02/21/25 16:33 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 02/21/25 11:07 | 02/21/25 16:33 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 123 | | 70 - 130 | | | | 02/21/25 11:07 | 02/21/25 16:33 | 1 |
| 1,4-Difluorobenzene (Surr) | 85 | | 70 - 130 | | | | 02/21/25 11:07 | 02/21/25 16:33 | 1 |

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|----------------|----------------|------------|-----|---------------|----------|----------------------------|----------------|--------------|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 02/21/25 16:33 | 1 |
| Method: SW846 8015 NM - Dies | el Range Organ | ics (DRO) ((| GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 02/22/25 06:47 | 1 |
| | | nice (DPO) | | | | | | | |
| Method: SW846 8015B NM - Die | sei Kange Orga | | | | | | | | |
| | | Qualifier | (UC) RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Analyte | | Qualifier | • • | MDL | Unit mg/Kg | <u>D</u> | Prepared 02/21/25 13:16 | Analyzed | Dil Fac |
| Analyte Gasoline Range Organics | Result | Qualifier | | MDL | | <u>D</u> | • | | Dil Fac |
| Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over | Result | Qualifier U | | MDL | | <u> </u> | • | | Dil Fac 1 |

Eurofins Midland

5

Client Sample Results

Job ID: 880-54752-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-54752-15

Client Sample ID: SW-8 (2')

Project/Site: Ling Federal #3 Battery

Date Collected: 02/20/25 00:00

Client: Carmona Resources

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---------------------------|--------------------------|--------------------------|-----|----------------|----------|--|--|--------------------|
| Oil Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 02/21/25 13:16 | 02/22/25 06:47 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
| 1-Chlorooctane | 89 | | 70 - 130 | | | | 02/21/25 13:16 | 02/22/25 06:47 | |
| o-Terphenyl | 80 | | 70 - 130 | | | | 02/21/25 13:16 | 02/22/25 06:47 | 1 |
| Method: EPA 300.0 - Anions, Ion Analyte Chloride | | Qualifier | e | MDL | Unit mg/Kg | D | Prepared | Analyzed 02/21/25 21:06 | Dil Fa |
| | | | | | | | | | |
| ate Collected: 02/20/25 00:00 | | | | | | | Lab Samp | le ID: 880-54 Matri | |
| Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10 Method: SW846 8021B - Volatile | | | | | | | | Matri | x: Solid |
| ate Collected: 02/20/25 00:00 ate Received: 02/21/25 10:10 Method: SW846 8021B - Volatile Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Matri | 752-16 x: Solid |
| Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10 Method: SW846 8021B - Volatile | Result <0.00201 | Qualifier U | RL 0.00201 | MDL | Unit mg/Kg | <u>D</u> | Prepared 02/21/25 11:07 | Matri Analyzed 02/21/25 16:54 | x: Solid |
| Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10 Method: SW846 8021B - Volatile Analyte Benzene | Result <0.00201 | Qualifier U U | RL | MDL | | <u>D</u> | Prepared 02/21/25 11:07 02/21/25 11:07 | Matri <u>Analyzed</u> 02/21/25 16:54 02/21/25 16:54 | x: Solid |
| Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10 Method: SW846 8021B - Volatile Analyte | Result <0.00201 | Qualifier U U | RL 0.00201 | MDL | mg/Kg | <u>D</u> | Prepared 02/21/25 11:07 | Matri Analyzed 02/21/25 16:54 | x: Solid |
| Analyte Benzene Toluene | Result <0.00201 | Qualifier U U U | RL 0.00201 0.00201 | MDL | mg/Kg mg/Kg | D | Prepared 02/21/25 11:07 02/21/25 11:07 | Matri <u>Analyzed</u> 02/21/25 16:54 02/21/25 16:54 | x: Solid |

| Xylenes, Total | <0.00402 | U | 0.00402 | mg/Kg | 02/21/25 11:07 | 02/21/25 16:54 | 1 |
|-----------------------------|-----------|-----------|----------|-------|----------------|----------------|---------|
| Surrogate | %Recovery | Qualifier | Limits | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 119 | | 70 - 130 | | 02/21/25 11:07 | 02/21/25 16:54 | 1 |
| 1,4-Difluorobenzene (Surr) | 87 | | 70 - 130 | | 02/21/25 11:07 | 02/21/25 16:54 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | _ | | 02/21/25 16:54 | 1 |

| Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) | | | | | | | | | | | |
|--|--------|-----------|------|-----|-------|---|----------|----------------|---------|--|--|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac | | |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 02/22/25 07:03 | 1 | | |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|--------------|--------------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics | <50.0 | U | 50.0 | | mg/Kg | | 02/21/25 13:16 | 02/22/25 07:03 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <50.0 | U | 50.0 | | mg/Kg | | 02/21/25 13:16 | 02/22/25 07:03 | 1 |
| C10-C28) | | | | | | | | | |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 02/21/25 13:16 | 02/22/25 07:03 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 85 | | 70 - 130 | | | | 02/21/25 13:16 | 02/22/25 07:03 | 1 |
| o-Terphenyl | 77 | | 70 - 130 | | | | 02/21/25 13:16 | 02/22/25 07:03 | 1 |
| Method: EPA 300.0 - Anions, Ion | Chromatograp | ohy - Solubl | e | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | <9.94 | U | 9.94 | | mg/Kg | | | 02/21/25 21:12 | 1 |

5

Job ID: 880-54752-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-54752-17

Client Sample ID: SW-10 (2')

Project/Site: Ling Federal #3 Battery

Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

Client: Carmona Resources

| 4.Bromofluorobenzene (Surr) 122 70 - 130 02/21/25 11:07 02/21/25 17:14 1,4-Difluorobenzene (Surr) 86 70 - 130 02/21/25 11:07 02/21/25 17:14 Method: TAL SOP Total BTEX - Total BTEX Calculation Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil F Total BTEX <0.00402 U 0.00402 mg/Kg 02/21/25 17:14 Dil F Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil F Total TPH <49.9 U 49.9 mg/Kg 02/21/25 13:16 02/22/25 07:17 Dil F Gasoline Range Organics (ORO) GCO mg/Kg 02/21/25 13:16 02/22/25 07:17 Dil F GRO)-C6-C10 Blesel Range Organics (Over <49.9 U 49.9 mg/Kg 02/21/25 13:16 02/22/25 07:17 Oil Range Organics (Over C28-C36) <49.9 U 49.9 mg/Kg 02/21/25 13:16 02/22/25 07:17 Dil F Surrogate %Recovery Qualifier <t< th=""><th>Analyte</th><th>Result</th><th>Qualifier</th><th>RL</th><th>MDL</th><th>Unit</th><th>D</th><th>Prepared</th><th>Analyzed</th><th>Dil Fac</th></t<> | Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|--|--|---|---|-----|---------------------------------|----------|--|--|---|
| Ethylbenzene <0.00201 U 0.00201 mg/kg 02/21/25 11:07 02/21/25 17:14 m-Xylene & p-Xylene <0.00402 | Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/25 11:07 | 02/21/25 17:14 | 1 |
| mXylene & p-Xylene <0.00402 U 0.00402 mg/Kg 02/21/25 11:07 02/21/25 17:14 o-Xylene <0.00201 | Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/25 11:07 | 02/21/25 17:14 | 1 |
| o-Xylene <0.00201 U 0.00201 mg/Kg 02/21/25 02/21/ | Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/25 11:07 | 02/21/25 17:14 | 1 |
| Xylenes, Total <0.00402 U 0.00402 mg/Kg 02/21/25 11.07 02/21/25 17.14 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil I 4-Bromofluorobenzene (Surr) 122 70 - 130 02/21/25 11.07 02/21/25 11.07 02/21/25 17.14 Dil I Method: TAL SOP Total BTEX - Total BTEX Calculation Manayte Result Qualifier RL MDL Unit D Prepared Analyzed Dil I Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) 0.00402 0.00402 mg/Kg D Prepared Analyzed Dil I Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) MDL Unit D Prepared Analyzed Dil I Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) MDL Unit D Prepared Analyzed Dil I Gasoline Range Organics 49.9 49.9 mg/Kg 02/21/25 13:16 02/22/25 07:17 Dil I Gilesel Range Organics (Over 49.9 mg/Kg 02/21/25 13:16 | m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 02/21/25 11:07 | 02/21/25 17:14 | 1 |
| Surrogate %Recovery Qualifier Limits Prepared Analyzed Dill 4-Bromofluorobenzene (Surr) 122 70 - 130 02/21/25 11:07 02/21/25 07:17 02/21/25 07:17 02/21/25 07:17 02/21/25 07:17 02/21/25 07:17 02/21/25 13:16 02/22/25 07:17 02/21/25 13:16 02/22/25 07:17 02/21/25 13:16 02/22/25 07:17 02/21/25 13:16 02/22/25 07:17 02/21/25 13:16 02/22/25 07:17 02/21/25 13:16 02/22 | o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/25 11:07 | 02/21/25 17:14 | 1 |
| 4.Bromofluorobenzene (Surr) 122 70 - 130 02/21/25 11:07 02/21/25 17:14 1,4-Difluorobenzene (Surr) 86 70 - 130 02/21/25 11:07 02/21/25 17:14 Method: TAL SOP Total BTEX - Total BTEX Calculation Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil F Total BTEX <0.00402 | Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 02/21/25 11:07 | 02/21/25 17:14 | 1 |
| 1.4-Difluorobenzene (Surr) 86 70 - 130 02/21/25 11:07 02/21/25 17:14 Method: TAL SOP Total BTEX - Total BTEX Calculation Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil F Total BTEX <0.00402 | Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| Method: TAL SOP Total BTEX - Total BTEX Calculation AnalyteResultQualifierRLMDLUnitDPreparedAnalyzedDil FTotal BTEX<0.00402 | 4-Bromofluorobenzene (Surr) | 122 | | 70 - 130 | | | | 02/21/25 11:07 | 02/21/25 17:14 | 1 |
| AnalyteResultQualifierRLMDLUnitDPreparedAnalyzedDII FTotal BTEX<0.00402 | 1,4-Difluorobenzene (Surr) | 86 | | 70 - 130 | | | | 02/21/25 11:07 | 02/21/25 17:14 | 1 |
| Total BTEX <0.00402 U 0.00402 mg/Kg 02/21/25 17:14 Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil F Total TPH <49.9 | Method: TAL SOP Total BTEX - | Total BTEX Calo | ulation | | | | | | | |
| Method:SW846 8015 NM - Diesel Range Organics (DRO) (GC)AnalyteResultQualifierRLTotal TPH<49.9 | Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| AnalyteResultQualifierRLMDLUnitDPreparedAnalyzedDil FTotal TPH<49.9 | Total BTEX | < 0.00402 | U | 0.00402 | | mg/Kg | | | 02/21/25 17:14 | 1 |
| AnalyteResultQualifierRLMDLUnitDPreparedAnalyzedDil FTotal TPH<49.9 | | | | | | | | | | |
| Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil F Gasoline Range Organics <49.9 | Method: SW846 8015 NM - Dies | el Range Organ | ics (DRO) (| GC) | | | | | | |
| Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil F Gasoline Range Organics <49.9 | | | | | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics <49.9 | Analyte | Result | Qualifier | RL | MDL | | <u>D</u> | Prepared | | Dil Fac |
| (GRO)-C6-C10 Diesel Range Organics (Over <49.9 | Analyte Total TPH | Result <49.9 | Qualifier U | RL 49.9 | MDL | | <u>D</u> | Prepared | | Dil Fac |
| Diesel Range Organics (Over <49.9 U 49.9 mg/Kg 02/21/25 13:16 02/22/25 07:17 C10-C28) Oil Range Organics (Over C28-C36) <49.9 | Analyte Total TPH Method: SW846 8015B NM - Die | Result <49.9 | Qualifier | RL 49.9 | | mg/Kg | | <u>.</u> | 02/22/25 07:17 | Dil Fac 1 Dil Fac |
| Oil Range Organics (Over C28-C36) <49.9 U 49.9 mg/Kg 02/21/25 13:16 02/22/25 07:17 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil I 1-Chlorooctane 77 70 - 130 02/21/25 13:16 02/22/25 07:17 Dil I o-Terphenyl 71 70 - 130 02/21/25 13:16 02/22/25 07:17 Dil I Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Soluble Soluble Soluble Soluble | Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics | Result Result Result Result | Qualifier U nics (DRO) Qualifier | (GC) | | mg/Kg Unit | | Prepared | 02/22/25 07:17 Analyzed | 1 |
| 1-Chlorooctane 77 70 - 130 02/21/25 13:16 02/22/25 07:17 o-Terphenyl 71 70 - 130 02/21/25 13:16 02/22/25 07:17 Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Soluble 02/21/25 13:16 02/22/25 07:17 | Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over | esel Range Orga Result Result <49.9 | Qualifier U nics (DRO) Qualifier U | RL 49.9 (GC) RL 49.9 | | mg/Kg Unit mg/Kg | | Prepared 02/21/25 13:16 | 02/22/25 07:17 Analyzed 02/22/25 07:17 | 1 Dil Fac |
| o-Terphenyl 71 70 - 130 02/21/25 13:16 02/22/25 07:17 Method: EPA 300.0 - Anions, Ion Chromatography - Soluble | Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) | esel Range Orga Result Result <49.9 <49.9 <49.9 | Qualifier U nics (DRO) Qualifier U U | RL 49.9 (GC) RL 49.9 49.9 | | mg/Kg Unit mg/Kg mg/Kg | | Prepared 02/21/25 13:16 02/21/25 13:16 | 02/22/25 07:17 Analyzed 02/22/25 07:17 02/22/25 07:17 | 1 Dil Fac 1 |
| Method: EPA 300.0 - Anions, Ion Chromatography - Soluble | Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) | Result <49.9 | Qualifier U nics (DRO) Qualifier U U U | RL 49.9 (GC) RL 49.9 49.9 49.9 49.9 | | mg/Kg Unit mg/Kg mg/Kg | | Prepared 02/21/25 13:16 02/21/25 13:16 02/21/25 13:16 | 02/22/25 07:17 Analyzed 02/22/25 07:17 02/22/25 07:17 02/22/25 07:17 | 1 Dil Fac 1 |
| | Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate | Result <49.9 | Qualifier U nics (DRO) Qualifier U U U | RL 49.9 (GC) RL 49.9 49.9 49.9 Limits | | mg/Kg Unit mg/Kg mg/Kg | | Prepared 02/21/25 13:16 02/21/25 13:16 02/21/25 13:16 02/21/25 13:16 Prepared | 02/22/25 07:17 Analyzed 02/22/25 07:17 02/22/25 07:17 02/22/25 07:17 Analyzed | 1 1 1 1 |
| Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil F | Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane | Result <49.9 | Qualifier U nics (DRO) Qualifier U U U | RL 49.9 (GC) RL 49.9 49.9 49.9 49.9 49.9 20.9 Limits 70 - 130 | | mg/Kg Unit mg/Kg mg/Kg | | Prepared 02/21/25 13:16 02/21/25 13:16 02/21/25 13:16 Prepared 02/21/25 13:16 | 02/22/25 07:17 Analyzed 02/22/25 07:17 02/22/25 07:17 02/22/25 07:17 Analyzed 02/22/25 07:17 | 1 Dil Fac 1 1 1 Dil Fac |
| | Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl | Result <49.9 | Qualifier U nics (DRO) Qualifier U U U Qualifier | RL 49.9 (GC) RL 49.9 49.9 49.9 49.9 20.9 Limits 70 - 130 70 - 130 | | mg/Kg Unit mg/Kg mg/Kg | | Prepared 02/21/25 13:16 02/21/25 13:16 02/21/25 13:16 Prepared 02/21/25 13:16 | 02/22/25 07:17 Analyzed 02/22/25 07:17 02/22/25 07:17 02/22/25 07:17 Analyzed 02/22/25 07:17 | 1 Dil Fac 1 1 1 1 <i>Dil Fac</i> 7 |

Released to Imaging: 6/9/2025 2:53:19 PM

Project/Site: Ling Federal #3 Battery

Method: 8021B - Volatile Organic Compounds (GC) Matrix: Solid

| | | | | Percent Surrogate Recovery (Acceptance Limits) |
|----------------------|------------------------|----------|----------|--|
| | | BFB1 | DFBZ1 | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | |
| 880-54744-A-7-C MS | Matrix Spike | 115 | 94 | |
| 880-54744-A-7-D MSD | Matrix Spike Duplicate | 117 | 92 | |
| 880-54744-A-19-C MS | Matrix Spike | 99 | 100 | |
| 880-54744-A-19-D MSD | Matrix Spike Duplicate | 107 | 95 | |
| 880-54752-1 | CS-1 (1.5') | 97 | 92 | |
| 880-54752-2 | CS-2 (1.5') | 103 | 95 | |
| 880-54752-3 | CS-3 (1.5') | 98 | 93 | |
| 880-54752-4 | CS-4 (2') | 100 | 96 | |
| 880-54752-5 | CS-5 (2') | 100 | 95 | |
| 880-54752-6 | CS-6 (2') | 98 | 99 | |
| 880-54752-7 | CS-7 (2') | 100 | 100 | |
| 880-54752-8 | SW-1 (1.5') | 98 | 102 | |
| 880-54752-9 | SW-2 (1.5') | 103 | 100 | |
| 880-54752-10 | SW-3 (1.5') | 104 | 97 | |
| 880-54752-11 | SW-4 (2') | 98 | 99 | |
| 880-54752-12 | SW-5 (2') | 101 | 100 | |
| 880-54752-13 | SW-6 (2') | 97 | 94 | |
| 880-54752-14 | SW-7 (2') | 101 | 99 | |
| 880-54752-15 | SW-8 (2') | 123 | 85 | |
| 880-54752-16 | SW-9 (2') | 119 | 87 | |
| 880-54752-17 | SW-10 (2') | 122 | 86 | |
| LCS 880-103361/1-A | Lab Control Sample | 118 | 93 | |
| LCS 880-103374/1-A | Lab Control Sample | 104 | 97 | |
| LCSD 880-103361/2-A | Lab Control Sample Dup | 116 | 97 | |
| LCSD 880-103374/2-A | Lab Control Sample Dup | 99 | 96 | |
| MB 880-103361/5-A | Method Blank | 120 | 88 | |
| MB 880-103374/5-A | Method Blank | 96 | 88 | |
| | | | | |
| Surrogate Legend | | | | |

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

| | | | | Percent Surrogate Recovery (Acceptance Limits) |
|----------------------|------------------------|----------|----------|--|
| | | 1CO1 | OTPH1 | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | |
| 880-54490-A-13-D MS | Matrix Spike | 86 | 77 | |
| 880-54490-A-13-E MSD | Matrix Spike Duplicate | 85 | 77 | |
| 880-54750-A-1-F MS | Matrix Spike | 88 | 79 | |
| 880-54750-A-1-G MSD | Matrix Spike Duplicate | 88 | 78 | |
| 880-54752-1 | CS-1 (1.5') | 80 | 72 | |
| 880-54752-2 | CS-2 (1.5') | 79 | 70 | |
| 880-54752-3 | CS-3 (1.5') | 89 | 79 | |
| 880-54752-4 | CS-4 (2') | 83 | 74 | |
| 880-54752-5 | CS-5 (2') | 74 | 65 S1- | |
| 880-54752-6 | CS-6 (2') | 92 | 81 | |
| 880-54752-7 | CS-7 (2') | 86 | 77 | |
| 880-54752-8 | SW-1 (1.5') | 77 | 68 S1- | |

Eurofins Midland

Prep Type: Total/NA

Job ID: 880-54752-1 SDG: Lea County, New Mexico

Prep Type: Total/NA

Client: Carmona Resources

Job ID: 880-54752-1 SDG: Lea County, New Mexico

Project/Site: Ling Federal #3 Battery Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

| | | 1CO1 | OTPH1 | Percent Surrogate Recovery (Acceptance Limits) | |
|----------------------|------------------------|----------|----------|--|----|
| Lah Camula ID | Client Semale ID | (70-130) | (70-130) | | |
| Lab Sample ID | Client Sample ID | | | | 5 |
| 880-54752-9 | SW-2 (1.5') | 80 | 70 | | _ |
| 880-54752-10 | SW-3 (1.5') | 81 | 71 | | 6 |
| 880-54752-11 | SW-4 (2') | 78 | 68 S1- | | U |
| 880-54752-12 | SW-5 (2') | 82 | 75 | | |
| 880-54752-13 | SW-6 (2') | 76 | 68 S1- | | |
| 880-54752-14 | SW-7 (2') | 92 | 83 | | |
| 880-54752-15 | SW-8 (2') | 89 | 80 | | 8 |
| 880-54752-16 | SW-9 (2') | 85 | 77 | | |
| 880-54752-17 | SW-10 (2') | 77 | 71 | | 9 |
| LCS 880-103330/2-A | Lab Control Sample | 130 | 115 | | |
| LCS 880-103395/2-A | Lab Control Sample | 137 S1+ | 125 | | |
| LCSD 880-103330/3-A | Lab Control Sample Dup | 128 | 113 | | |
| LCSD 880-103395/3-A | Lab Control Sample Dup | 140 S1+ | 128 | | |
| MB 880-103330/1-A | Method Blank | 122 | 110 | | |
| MB 880-103395/1-A | Method Blank | 108 | 96 | | |
| Surrogate Legend | | | | | |
| 1CO = 1-Chlorooctane | | | | | 13 |
| OTDH = a Tambanyl | | | | | |

OTPH = o-Terphenyl

Prep Type: Total/NA

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Method: 8021B - Volatile Organic Compounds (GC)

| Lab Sample ID: MB 880-10 | 3361/5-A |
|--------------------------|----------|
| | |

Matrix: Solid Analysis Batch: 103349

| | MB | MB | | | | | | | |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 09:23 | 02/21/25 11:34 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 09:23 | 02/21/25 11:34 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 09:23 | 02/21/25 11:34 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 02/21/25 09:23 | 02/21/25 11:34 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 09:23 | 02/21/25 11:34 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 02/21/25 09:23 | 02/21/25 11:34 | 1 |
| | MB | МВ | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 120 | | 70 - 130 | | | | 02/21/25 09:23 | 02/21/25 11:34 | 1 |
| 1,4-Difluorobenzene (Surr) | 88 | | 70 - 130 | | | | 02/21/25 09:23 | 02/21/25 11:34 | 1 |

Lab Sample ID: LCS 880-103361/1-A Matrix: Solid

Analysis Batch: 103349

| Spi | ke LC: | S LCS | | | | %Rec |
|-------------------------|---------|-------------|-------|---|------|----------|
| Analyte Add | ed Resu | t Qualifier | Unit | D | %Rec | Limits |
| Benzene 0.1 | 0.108 |) | mg/Kg | | 108 | 70 - 130 |
| Toluene 0.1 | 0.0971 | 6 | mg/Kg | | 97 | 70 - 130 |
| Ethylbenzene 0.1 | 0.102 | 3 | mg/Kg | | 102 | 70 - 130 |
| m-Xylene & p-Xylene 0.2 | 0.216 |) | mg/Kg | | 108 | 70 - 130 |
| o-Xylene 0.1 | 0.105 | 5 | mg/Kg | | 105 | 70 - 130 |

| | LCS | LCS | |
|-----------------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene (Surr) | 118 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 93 | | 70 - 130 |

Lab Sample ID: LCSD 880-103361/2-A

Matrix: Solid

| Analysis Batch: 103349 | | | | | | Prep I | Batch: 1 | 03361 |
|------------------------|-------|------------|-------------|---|------|----------|----------|-------|
| | Spike | LCSD LCS | D | | | %Rec | | RPD |
| Analyte | Added | Result Qua | lifier Unit | D | %Rec | Limits | RPD | Limit |
| Benzene | 0.100 | 0.1150 | mg/Kg | | 115 | 70 - 130 | 6 | 35 |
| Toluene | 0.100 | 0.1055 | mg/Kg | | 105 | 70 - 130 | 8 | 35 |
| Ethylbenzene | 0.100 | 0.1110 | mg/Kg | | 111 | 70 - 130 | 8 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.2354 | mg/Kg | | 118 | 70 - 130 | 8 | 35 |
| o-Xylene | 0.100 | 0.1141 | mg/Kg | | 114 | 70 - 130 | 8 | 35 |
| | | | | | | | | |

| | LCSD | LCSD | |
|-----------------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene (Surr) | 116 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 97 | | 70 - 130 |

Lab Sample ID: 880-54744-A-7-C MS

Matrix: Solid alvaia Rataby 102240

| Analysis Batch: 103349 | | | | | | | | | Prep | Batch: 103361 |
|------------------------|----------|-----------|--------|---------|-----------|-------|---|------|----------|---------------|
| | Sample | Sample | Spike | MS | MS | | | | %Rec | |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Benzene | <0.00200 | U | 0.0998 | 0.09958 | | mg/Kg | | 100 | 70 - 130 | |
| Toluene | <0.00200 | U | 0.0998 | 0.09419 | | mg/Kg | | 94 | 70 - 130 | |

Eurofins Midland

Prep Type: Total/NA

Client Sample ID: Method Blank Prep Type: Total/NA Prep Batch: 103361

SDG: Lea County, New Mexico

Job ID: 880-54752-1

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 103361

| Eurofins | Mid |
|----------|-----|

Client Sample ID: Matrix Spike

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Job ID: 880-54752-1 SDG: Lea County, New Mexico

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

| Matrix: Solid | -7-C MS | | | | | | | | | Client | Sample ID Prep 1 | : Matrix Type: To | |
|--|---|--|--|--|---------|-----|---|--------------|--|--|---|--|-----------------|
| Analysis Batch: 103349 | | | | | | | | | | | | Batch: 1 | |
| ,, , | Sample | Sam | ple | Spike | MS | MS | | | | | %Rec | | |
| Analyte | Result | | | Added | Result | | ifier Ur | nit | D | %Rec | Limits | | |
| Ethylbenzene | <0.00200 | U | | 0.0998 | 0.1002 | | | g/Kg | | 100 | 70 - 130 | | |
| n-Xylene & p-Xylene | < 0.00401 | | | 0.200 | 0.2148 | | | g/Kg | | 108 | 70 - 130 | | |
| p-Xylene | < 0.00200 | | | 0.0998 | 0.2140 | | | g/Kg g/Kg | | 100 | 70 - 130 70 - 130 | | |
| э-хунене | <0.00200 | 0 | | 0.0990 | 0.1045 | | ιų | y/rxy | | 104 | 70 - 150 | | |
| | MS | MS | | | | | | | | | | | |
| Surrogate | %Recovery | Qua | lifier | Limits | | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 115 | | | 70 - 130 | | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 94 | | | 70 - 130 | | | | | | | | | |
| _ab Sample ID: 880-54744-A | -7-D MSD | | | | | | | CI | lient \$ | Sample ID | : Matrix S | oike Du | plicat |
| Matrix: Solid | | | | | | | | | | | | Type: To | |
| Analysis Batch: 103349 | | | | | | | | | | | | Batch: 1 | |
| | Sample | Sam | ple | Spike | MSD | MSD | | | | | %Rec | | RP |
| Analyte | Result | | | Added | Result | | ifier Ur | nit | D | %Rec | Limits | RPD | Lim |
| Benzene | <0.00200 | | | 0.0996 | 0.1033 | | | g/Kg | | 104 | 70 - 130 | 4 | 3 |
| Toluene | <0.00200 | | | 0.0996 | 0.09357 | | | g/Kg | | 94 | 70 - 130 | 1 | 3 |
| Ethylbenzene | <0.00200 | | | 0.0996 | 0.09991 | | | g/Kg | | 100 | 70 - 130 | 0 | 3 |
| n-Xylene & p-Xylene | <0.00401 | U | | 0.199 | 0.2122 | | | g/Kg | | 107 | 70 - 130 | 1 | 3 |
| p-Xylene | <0.00200 | | | 0.0996 | 0.1032 | | | g/Kg | | 104 | 70 - 130 | 1 | 3 |
| | MSD | MSD |) | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Surrogate | %Recovery | Qua | lifier | Limits | | | | | | | | | |
| | % <i>Recovery</i> 117 | Qua | lifier | Limits 70 - 130 | | | | | | | | | |
| Bromofluorobenzene (Surr) | | Qua | lifier | | | | | | | | | | |
| 1-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) | 117 92 | Qua | lifier | 70 - 130 | | | | | | Client Sa | ample ID: | Method | l Blan |
| 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: MB 880-1033 | 117 92 | Qua | lifier | 70 - 130 | | | | | | Client Sa | ample ID: Prep 1 | | |
| 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: MB 880-1033 Matrix: Solid | 117 92 | Qua | lifier | 70 - 130 | | | | | | Client Sa | Prep 1 | Type: To | otal/N |
| I-Bromofluorobenzene (Surr) ,4-Difluorobenzene (Surr) _ab Sample ID: MB 880-1033 Matrix: Solid | 117 92 | | | 70 - 130 | | | | | | Client Sa | Prep 1 | | otal/N |
| I-Bromofluorobenzene (Surr) I,4-Difluorobenzene (Surr) Lab Sample ID: MB 880-1033 Matrix: Solid Analysis Batch: 103350 | 117 92 874/5-A | МВ | | 70 - 130 70 - 130 | | MDL | Unit | | D | | Prep 1 Prep 1 | Type: To Batch: 1 | otal/N 10337 |
| I-Bromofluorobenzene (Surr) ,4-Difluorobenzene (Surr) Lab Sample ID: MB 880-1033 Matrix: Solid Analysis Batch: 103350 | 117 92 874/5-A | MB esult | MB Qualifier | 70 - 130 70 - 130 | | MDL | | 1 | | Prepared | Prep Prep Analyz | Type: To Batch: 1 | otal/N 10337 |
| -Bromofluorobenzene (Surr) ,4-Difluorobenzene (Surr) Lab Sample ID: MB 880-1033 Matrix: Solid Analysis Batch: 103350 Analyte Benzene | 117 92 874/5-A | MB esult | MB Qualifier U | 70 - 130 70 - 130 | | | mg/Kg | I | 02 | Prepared /21/25 09:28 | Prep Prep Analyz | Type: To Batch: 1 red 11:42 | otal/N 10337 |
| -Bromofluorobenzene (Surr) ,4-Difluorobenzene (Surr) Lab Sample ID: MB 880-1033 Matrix: Solid Analysis Batch: 103350 Analyte Jenzene | 117 92 374/5-A R <0.0 <0.0 | MB esult 0200 0200 | MB Qualifier U U | 70 - 130 70 - 130 | | | mg/Kg mg/Kg | I | 02 | Prepared /21/25 09:28 /21/25 09:28 | Prep 7 Prep 7 Analyz 02/21/25 02/21/25 | Type: To Batch: 1 2ed 11:42 11:42 | otal/N 10337 |
| -Bromofluorobenzene (Surr) ,4-Difluorobenzene (Surr) Lab Sample ID: MB 880-1033 Matrix: Solid Analysis Batch: 103350 Analyte Jenzene Joluene Sthylbenzene | 117 92 374/5-A | MB esult 0200 0200 0200 | MB Qualifier U U U | 70 - 130 70 - 130 RL 0.00200 0.00200 0.00200 | | | mg/Kg mg/Kg mg/Kg | <u>I</u> | 02 02 02 | Prepared /21/25 09:28 /21/25 09:28 /21/25 09:28 | Prep Prep Analyz 02/21/25 02/21/25 02/21/25 | Type: To Batch: 1 red 11:42 11:42 11:42 | otal/N 10337 |
| A-Bromofluorobenzene (Surr) 4.4-Difluorobenzene (Surr) A-Difluorobenzene (Surr) Aab Sample ID: MB 880-1033 Matrix: Solid Analysis Batch: 103350 Analyte Benzene Foluene Ethylbenzene n-Xylene & p-Xylene | 117 92 374/5-A | MB esult 0200 0200 0200 0200 | MB Qualifier U U U | 70 - 130 70 - 130 RL 0.00200 0.00200 0.00200 0.00200 0.00400 | | | mg/Kg mg/Kg mg/Kg mg/Kg | <u>I</u> | 02 02 02 02 | Prepared /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 | Prep 7 Prep 7 02/21/25 02/21/25 02/21/25 02/21/25 | Type: To Batch: 1 2ed 11:42 11:42 11:42 11:42 | otal/N 10337 |
| A-Bromofluorobenzene (Surr) 4,4-Difluorobenzene (Surr) Lab Sample ID: MB 880-1033 Matrix: Solid Analysis Batch: 103350 Analyte Benzene Foluene Ethylbenzene n-Xylene & p-Xylene D-Xylene | | MB esult 0200 0200 0200 0400 0200 | MB Qualifier U U U U U | 70 - 130 70 - 130 RL 0.00200 0.00200 0.00200 0.00400 0.00200 | | | mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg | I | 02 02 02 02 02 02 | Prepared /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 | Prep 7 Prep 7 02/21/25 02/21/25 02/21/25 02/21/25 | Type: To Batch: 1 11:42 11:42 11:42 11:42 11:42 11:42 11:42 | otal/N 10337 |
| A-Bromofluorobenzene (Surr) 4.4-Difluorobenzene (Surr) A-Difluorobenzene (Surr) Aab Sample ID: MB 880-1033 Matrix: Solid Analysis Batch: 103350 Analyte Benzene Foluene Ethylbenzene n-Xylene & p-Xylene b-Xylene | | MB esult 0200 0200 0200 0400 0200 0200 0400 | MB Qualifier U U U U U U U | 70 - 130 70 - 130 RL 0.00200 0.00200 0.00200 0.00200 0.00400 | | | mg/Kg mg/Kg mg/Kg mg/Kg | <u>I</u> | 02 02 02 02 02 02 | Prepared /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 | Prep 7 Prep 7 02/21/25 02/21/25 02/21/25 02/21/25 | Type: To Batch: 1 11:42 11:42 11:42 11:42 11:42 11:42 11:42 | otal/N 10337 |
| A-Difluorobenzene (Surr) 4.4-Difluorobenzene (Surr) A-Difluorobenzene (Surr) Aab Sample ID: MB 880-1033 Matrix: Solid Analysis Batch: 103350 Analyte Benzene Foluene Ethylbenzene n-Xylene & p-Xylene b-Xylene Kylenes, Total | 117 92 374/5-A R <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 | MB esult 0200 0200 0200 0400 0200 0400 0400 MB | MB Qualifier U U U U U U U U MB | 70 - 130 70 - 130 70 - 130 RL 0.00200 0.00200 0.00200 0.00400 0.00200 0.00400 | | | mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg | <u> </u> | 02 02 02 02 02 02 02 | Prepared /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 | Prep 7 Prep 7 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 | Type: To Batch: 1 220 11:42 11:42 11:42 11:42 11:42 11:42 11:42 | Dil Fa |
| -Bromofluorobenzene (Surr) ,4-Difluorobenzene (Surr) .ab Sample ID: MB 880-1033 Matrix: Solid Analysis Batch: 103350 Analyte Benzene Foluene Sethylbenzene n-Xylene & p-Xylene -Xylene (ylenes, Total | | MB esult 0200 0200 0200 0400 0200 0400 0400 040 | MB Qualifier U U U U U U U U MB | 70 - 130 70 - 130 70 - 130 RL 0.00200 0.00200 0.00200 0.00400 0.00400 0.00400 Limits | | | mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg | I | 02 02 02 02 02 02 | Prepared /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 Prepared | Analyz 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 | Type: To Batch: 1 226d 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 | Dil Fa |
| -Bromofluorobenzene (Surr) ,4-Difluorobenzene (Surr) .ab Sample ID: MB 880-1033 Matrix: Solid Analysis Batch: 103350 Analyte Benzene Foluene Ethylbenzene n-Xylene & p-Xylene -Xylene (Sylenes, Total Burrogate -Bromofluorobenzene (Surr) | 117 92 374/5-A R <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 | MB esult 0200 0200 0200 0400 0200 0400 0400 MB | MB Qualifier U U U U U U U U MB | 70 - 130 70 - 130 70 - 130 RL 0.00200 0.00200 0.00200 0.00400 0.00200 0.00400 | | | mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg | I | 02 02 02 02 02 02 02 02 | Prepared /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 | Analyz 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 | Type: To Batch: 1 226d 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 | Dil Fa |
| -Bromofluorobenzene (Surr) ,4-Difluorobenzene (Surr) Lab Sample ID: MB 880-1033 Matrix: Solid Analysis Batch: 103350 Analyte Benzene Foluene Ethylbenzene n-Xylene & p-Xylene -Xylene & p-Xylene -Xylene (Surr) Surrogate E-Bromofluorobenzene (Surr) ,4-Difluorobenzene (Surr) | 117 92 874/5-A | MB esuit 0200 0200 0200 0400 0200 0400 0400 040 | MB Qualifier U U U U U U U U MB | 70 - 130 70 - 130 70 - 130 RL 0.00200 0.00200 0.00200 0.00400 0.00400 0.00400 0.00400 0.00400 0.00400 | | | mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg | 1 | 02 02 02 02 02 02 02 02 | Prepared /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 Prepared /21/25 09:28 /21/25 09:28 | Analyz 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 | Type: To Batch: 1 red 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 | Dil Fa |
| -Bromofluorobenzene (Surr) ,4-Difluorobenzene (Surr) ,ab Sample ID: MB 880-1033 Matrix: Solid Analysis Batch: 103350 Analyte Benzene Foluene Sthylbenzene n-Xylene & p-Xylene -Xylene & p-Xylene -Xylene & for a second Surrogate -Bromofluorobenzene (Surr) ,4-Difluorobenzene (Surr) -ab Sample ID: LCS 880-103 | 117 92 874/5-A | MB esuit 0200 0200 0200 0400 0200 0400 0400 040 | MB Qualifier U U U U U U U U U MB | 70 - 130 70 - 130 70 - 130 RL 0.00200 0.00200 0.00200 0.00400 0.00400 0.00400 0.00400 0.00400 0.00400 | | | mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg | I | 02 02 02 02 02 02 02 02 | Prepared /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 Prepared /21/25 09:28 /21/25 09:28 | Analyz 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 | Type: To Batch: 1 red 11:42 0ntrol S | Dil Fa |
| A-Bromofluorobenzene (Surr) 4.4-Difluorobenzene (Surr) Lab Sample ID: MB 880-1033 Matrix: Solid Analysis Batch: 103350 Analyte Benzene Foluene Ethylbenzene n-Xylene & p-Xylene b-Xylene (Surrogate 4-Bromofluorobenzene (Surr) 1.4-Difluorobenzene (Surr) 1.4-Difluorobenzene (Surr) Lab Sample ID: LCS 880-103 Matrix: Solid | 117 92 874/5-A | MB esuit 0200 0200 0200 0400 0200 0400 0400 040 | MB Qualifier U U U U U U U U U MB | 70 - 130 70 - 130 70 - 130 RL 0.00200 0.00200 0.00200 0.00400 0.00400 0.00400 0.00400 0.00400 0.00400 | | | mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg | <u>I</u> | 02 02 02 02 02 02 02 02 | Prepared /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 Prepared /21/25 09:28 /21/25 09:28 | Analyz 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 | Type: To Batch: 1 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 500trol S Type: To | Dil Fa |
| Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: MB 880-1033 Matrix: Solid Analysis Batch: 103350 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene p-Xylene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCS 880-103 Matrix: Solid Analysis Batch: 103350 | 117 92 874/5-A | MB esuit 0200 0200 0200 0400 0200 0400 0400 040 | MB Qualifier U U U U U U U U U MB | 70 - 130 70 - 130 70 - 130 0.00200 0.00200 0.00200 0.00400 0.00200 0.00400 0.00400 <u>Limits</u> 70 - 130 70 - 130 | | | mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg | <u>I</u> | 02 02 02 02 02 02 02 02 | Prepared /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 /21/25 09:28 Prepared /21/25 09:28 /21/25 09:28 | Analyz 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 DE: Lab Co Prep 1 Prep 1 | Type: To Batch: 1 red 11:42 0ntrol S | Dil Fa |
| A-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: MB 880-1033 Matrix: Solid Analysis Batch: 103350 Analyte Benzene Foluene Ethylbenzene m-Xylene & p-Xylene b-Xylene Kylenes, Total Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCS 880-103 Matrix: Solid | 117 92 874/5-A | MB esuit 0200 0200 0200 0400 0200 0400 0400 040 | MB Qualifier U U U U U U U U U MB | 70 - 130 70 - 130 70 - 130 RL 0.00200 0.00200 0.00200 0.00400 0.00400 0.00400 0.00400 0.00400 0.00400 | | LCS | mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg | | 02 02 02 02 02 02 02 02 | Prepared (21/25 09:28 (21/25 09:28 (21/25 09:28 (21/25 09:28 (21/25 09:28 (21/25 09:28 Prepared (21/25 09:28 (21/25 09:28) (21/25 0 | Analyz 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 02/21/25 | Type: To Batch: 1 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 11:42 500trol S Type: To | Dil Fa |

| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
|---------------------|-------|---------|-----------|-------|---|------|----------|--|
| Benzene | 0.100 | 0.09462 | | mg/Kg | | 95 | 70 - 130 | |
| Toluene | 0.100 | 0.1076 | | mg/Kg | | 108 | 70 - 130 | |
| Ethylbenzene | 0.100 | 0.1089 | | mg/Kg | | 109 | 70 - 130 | |
| m-Xylene & p-Xylene | 0.200 | 0.2028 | | mg/Kg | | 101 | 70 - 130 | |

Eurofins Midland

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Lab Sample ID: LCS 880-103374/1-A

Matrix: Solid

Job ID: 880-54752-1 SDG: Lea County, New Mexico

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

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

| | | | | | | | | | | ype: 10 | |
|---|--|---|---|---|-----------------|---|----------|---|--|--|---|
| Analysis Batch: 103350 | | | | | | | | | Prep E | Batch: 1 | 03374 |
| | | | Spike | LCS | LCS | | | | %Rec | | |
| Analyte | | | Added | Result | Qualifier | Unit | D | %Rec | Limits | | |
| o-Xylene | | | 0.100 | 0.1134 | | mg/Kg | | 113 | 70 - 130 | | |
| | LCS | LCS | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 104 | | 70 - 130 | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 97 | | 70 - 130 | | | | | | | | |
| Lab Sample ID: LCSD 880-1 | 03374/2-A | | | | | Clier | nt Sam | nle ID: I | Lab Contro | l Sample | e Dur |
| Matrix: Solid | | | | | | | | | | ype: Tot | |
| Analysis Batch: 103350 | | | | | | | | | | Batch: 1 | |
| | | | Spike | LCSD | LCSD | | | | %Rec | | RPE |
| Analyte | | | Added | | Qualifier | Unit | D | %Rec | Limits | RPD | Limi |
| Benzene | | | 0.100 | 0.1052 | | mg/Kg | | 105 | 70 - 130 | 11 | 35 |
| Toluene | | | 0.100 | 0.1122 | | mg/Kg | | 112 | 70 - 130 | 4 | 35 |
| Ethylbenzene | | | 0.100 | 0.1140 | | mg/Kg | | 114 | 70 - 130 | 5 | 35 |
| | | | 0.200 | 0.2109 | | | | 105 | 70 - 130 | 4 | 35 |
| m-Xylene & p-Xylene | | | | | | mg/Kg | | | | 4 5 | |
| o-Xylene | | | 0.100 | 0.1190 | | mg/Kg | | 119 | 70 - 130 | 5 | 35 |
| | LCSD | LCSD | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 99 | | 70 - 130 | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 | | | | | | | | |
| | A-19-C MS | | | | | | | Client | Sample ID Prep T | | |
| Matrix: Solid | | Comple | Saika | ме | MG | | | Client | Prep T Prep E | : Matrix Type: Tot Batch: 10 | tal/NA |
| Matrix: Solid Analysis Batch: 103350 | Sample | Sample | Spike Addod | | MS | Unit | | | Prep T Prep E %Rec | Type: Tot | tal/NA |
| Matrix: Solid Analysis Batch: 103350 Analyte | Sample Result | Qualifier | Added | Result | MS Qualifier | Unit ma/Ka | D | %Rec | Prep T Prep E %Rec Limits | Type: Tot | tal/NA |
| Lab Sample ID: 880-54744-A Matrix: Solid Analysis Batch: 103350 Analyte Benzene | Sample | Qualifier | Added 0.0998 | Result 0.1000 | | mg/Kg | D | %Rec 100 | Prep T Prep E %Rec Limits 70 - 130 | Type: Tot | tal/NA |
| Matrix: Solid Analysis Batch: 103350 Analyte Benzene Toluene | Sample Result <0.00200 <0.00200 | Qualifier U U | Added | Result 0.1000 0.1013 | | mg/Kg mg/Kg | <u>D</u> | %Rec 100 102 | Prep T Prep E %Rec Limits 70 - 130 70 - 130 | Type: Tot | tal/NA |
| Matrix: Solid Analysis Batch: 103350 Analyte Benzene Toluene Ethylbenzene | Sample Result <0.00200 <0.00200 <0.00200 | Qualifier U U U | Added 0.0998 0.0998 0.0998 | Result 0.1000 0.1013 0.1031 | | mg/Kg mg/Kg mg/Kg | <u> </u> | %Rec 100 102 103 | Prep T Prep E %Rec Limits 70 - 130 70 - 130 70 - 130 | Type: Tot | tal/NA |
| Matrix: Solid Analysis Batch: 103350 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene | Sample Result <0.00200 <0.00200 <0.00200 <0.00200 <0.00401 | Qualifier U U U U | Added 0.0998 0.0998 0.0998 0.200 | Result 0.1000 0.1013 0.1031 0.1933 | | mg/Kg mg/Kg mg/Kg mg/Kg | <u> </u> | %Rec 100 102 103 97 | Prep T Prep E %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 | Type: Tot | tal/NA |
| Matrix: Solid Analysis Batch: 103350 Analyte Benzene Toluene Ethylbenzene | Sample Result <0.00200 <0.00200 <0.00200 | Qualifier U U U U | Added 0.0998 0.0998 0.0998 | Result 0.1000 0.1013 0.1031 | | mg/Kg mg/Kg mg/Kg | <u> </u> | %Rec 100 102 103 | Prep T Prep E %Rec Limits 70 - 130 70 - 130 70 - 130 | Type: Tot | tal/NA |
| Matrix: Solid Analysis Batch: 103350 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene | Sample Result <0.00200 <0.00200 <0.00200 <0.00200 <0.00401 | Qualifier U U U U | Added 0.0998 0.0998 0.0998 0.200 | Result 0.1000 0.1013 0.1031 0.1933 | | mg/Kg mg/Kg mg/Kg mg/Kg | <u>D</u> | %Rec 100 102 103 97 | Prep T Prep E %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 | Type: Tot | tal/NA |
| Matrix: Solid Analysis Batch: 103350 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene | Sample Result <0.00200 <0.00200 <0.00200 <0.00401 <0.00200 | Qualifier U U U U U U | Added 0.0998 0.0998 0.0998 0.200 | Result 0.1000 0.1013 0.1031 0.1933 | | mg/Kg mg/Kg mg/Kg mg/Kg | <u> </u> | %Rec 100 102 103 97 | Prep T Prep E %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 | Type: Tot | tal/NA |
| Matrix: Solid Analysis Batch: 103350 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene | Sample Result <0.00200 <0.00200 <0.00200 <0.00401 <0.00200 MS | Qualifier U U U U U U U MS | Added 0.0998 0.0998 0.0998 0.200 0.0998 | Result 0.1000 0.1013 0.1031 0.1933 | | mg/Kg mg/Kg mg/Kg mg/Kg | <u> </u> | %Rec 100 102 103 97 | Prep T Prep E %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 | Type: Tot | tal/NA |
| Matrix: Solid Analysis Batch: 103350 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate | Sample Result <0.00200 <0.00200 <0.00200 <0.00401 <0.00200 MS %Recovery | Qualifier U U U U U U U MS | Added 0.0998 0.0998 0.200 0.0998 Limits | Result 0.1000 0.1013 0.1031 0.1933 | | mg/Kg mg/Kg mg/Kg mg/Kg | D | %Rec 100 102 103 97 | Prep T Prep E %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 | Type: Tot | tal/NA |
| Matrix: Solid Analysis Batch: 103350 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofluorobenzene (Surr) | Sample Result <0.00200 <0.00200 <0.00200 <0.00401 <0.00200 MS %Recovery 99 100 | Qualifier U U U U U U U MS | Added 0.0998 0.0998 0.0998 0.200 0.0998 | Result 0.1000 0.1013 0.1031 0.1933 | | mg/Kg mg/Kg mg/Kg mg/Kg | | %Rec 100 102 103 97 106 | Prep T Prep E %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 | Type: Tot Batch: 10 | tal/NA 03374 |
| Matrix: Solid Analysis Batch: 103350 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) | Sample Result <0.00200 <0.00200 <0.00200 <0.00401 <0.00200 MS %Recovery 99 100 | Qualifier U U U U U U U MS | Added 0.0998 0.0998 0.0998 0.200 0.0998 | Result 0.1000 0.1013 0.1031 0.1933 | | mg/Kg mg/Kg mg/Kg mg/Kg | | %Rec 100 102 103 97 106 | Prep T Prep E %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 | Type: Tot Batch: 10 | licate |
| Matrix: Solid Analysis Batch: 103350 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofiluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: 880-54744-4 Matrix: Solid | Sample Result <0.00200 <0.00200 <0.00200 <0.00401 <0.00200 MS %Recovery 99 100 | Qualifier U U U U U U U MS | Added 0.0998 0.0998 0.0998 0.200 0.0998 | Result 0.1000 0.1013 0.1031 0.1933 | | mg/Kg mg/Kg mg/Kg mg/Kg | | %Rec 100 102 103 97 106 | Prep T Prep E %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 9: Matrix Sp Prep T | Type: Tot Batch: 10 Dike Dup Type: Tot | licate |
| Matrix: Solid Analysis Batch: 103350 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: 880-54744-4 | Sample Result <0.00200 <0.00200 <0.00200 <0.00401 <0.00200 MS %Recovery 99 100 | Qualifier U U U U U MS Qualifier | Added 0.0998 0.0998 0.0998 0.200 0.0998 | Result 0.1000 0.1013 0.1031 0.1933 0.1061 | | mg/Kg mg/Kg mg/Kg mg/Kg | | %Rec 100 102 103 97 106 | Prep T Prep E %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 9: Matrix Sp Prep T | Type: Tot Batch: 10 | olicate tal/NA 03374 |
| Matrix: Solid Analysis Batch: 103350 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofiluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: 880-54744-4 Matrix: Solid | Sample Result <0.00200 <0.00200 <0.00200 <0.00401 <0.00200 MS %Recovery 99 100 A-19-D MSD Sample | Qualifier U U U U U MS Qualifier | Added 0.0998 0.0998 0.200 0.0998 0.200 0.0998 0.200 0.0998 0.200 0.0998 0.200 0.0998 0.200 0.0998 <td>Result 0.1000 0.1013 0.1031 0.1933 0.1061</td> <td>Qualifier</td> <td>mg/Kg mg/Kg mg/Kg mg/Kg</td> <td></td> <td>%Rec 100 102 103 97 106</td> <td>Prep T Prep T %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 9: Matrix Sp Prep T Prep E</td> <td>Type: Tot Batch: 10 Dike Dup Type: Tot</td> <td>olicate tal/NA 03374 03374 RPE</td> | Result 0.1000 0.1013 0.1031 0.1933 0.1061 | Qualifier | mg/Kg mg/Kg mg/Kg mg/Kg | | %Rec 100 102 103 97 106 | Prep T Prep T %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 9: Matrix Sp Prep T Prep E | Type: Tot Batch: 10 Dike Dup Type: Tot | olicate tal/NA 03374 03374 RPE |
| Matrix: Solid Analysis Batch: 103350 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: 880-54744-4 Matrix: Solid Analysis Batch: 103350 | Sample Result <0.00200 <0.00200 <0.00200 <0.00401 <0.00200 MS %Recovery 99 100 A-19-D MSD Sample | Qualifier U U U U U MS Qualifier Sample Qualifier | Added 0.0998 0.0998 0.200 0.0998 <u>Limits</u> 70 - 130 70 - 130 70 - 130 | Result 0.1000 0.1013 0.1031 0.1933 0.1061 | Qualifier | mg/Kg mg/Kg mg/Kg mg/Kg | ient Sa | %Rec 100 102 103 97 106 | Prep T Prep T %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 9 - 100 9 - | Dike Dup Dike Tot Dike Tot Distance: 10 | olicate tal/NA 03374 tal/NA 03374 RPE Limi |
| Matrix: Solid Analysis Batch: 103350 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: 880-54744-4 Matrix: Solid Analysis Batch: 103350 Analyte Benzene | Sample Result <0.00200 <0.00200 <0.00401 <0.00200 MS %Recovery 99 100 A-19-D MSD Sample Result <0.00200 | Qualifier U U U U U MS Qualifier U | Added 0.0998 0.0998 0.200 0.0998 0.200 0.0998 0.200 0.0998 0.200 0.0998 0.200 0.0998 0.200 0.0998 Limits 70 - 130 70 - 130 Spike Added 0.0996 | Result 0.1000 0.1013 0.1031 0.1933 0.1061 | Qualifier | mg/Kg mg/Kg mg/Kg mg/Kg CI Unit mg/Kg | ient Sa | %Rec 100 102 103 97 106 | Prep T Prep F %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 9: Matrix Sp Prep T Prep F %Rec Limits 70 - 130 | Dike Dup Dike Dup Dype: Tot Batch: 10 RPD 5 | olicate tal/NA 03374 licate tal/NA 03374 RPC Limit 35 |
| Matrix: Solid Analysis Batch: 103350 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: 880-54744-4 Matrix: Solid Analysis Batch: 103350 Analyte Benzene Toluene | Sample Result <0.00200 <0.00200 <0.00401 <0.00200 MS %Recovery 99 100 A-19-D MSD Sample Result <0.00200 <0.00200 | Qualifier U U U U U U MS Qualifier U U U | Added 0.0998 0.0998 0.200 0.0998 0.200 0.0998 0.200 0.0998 0.200 0.0998 0.200 0.0998 0.200 0.0998 Limits 70 - 130 70 - 130 Spike Added 0.0996 0.0996 | Result 0.1000 0.1013 0.1031 0.1933 0.1061 MSD Result 0.09520 0.1045 | Qualifier | mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg | ient Sa | %Rec 100 102 103 97 106 | Prep T Prep E %Rec Limits 70 - 130 70 - 190 70 - 1 | Dike Dup Dike Dup Type: Tot Batch: 10 | olicate tal/NA 03374 licate tal/NA 03374 RPD Limit 35 35 |
| Matrix: Solid Analysis Batch: 103350 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: 880-54744-4 Matrix: Solid Analysis Batch: 103350 Analyte Benzene | Sample Result <0.00200 <0.00200 <0.00401 <0.00200 MS %Recovery 99 100 A-19-D MSD Sample Result <0.00200 | Qualifier U U U U U U U MS Qualifier U U U U | Added 0.0998 0.0998 0.200 0.0998 0.200 0.0998 0.200 0.0998 0.200 0.0998 0.200 0.0998 0.200 0.0998 Limits 70 - 130 70 - 130 Spike Added 0.0996 | Result 0.1000 0.1013 0.1031 0.1933 0.1061 | Qualifier | mg/Kg mg/Kg mg/Kg mg/Kg CI Unit mg/Kg | ient Sa | %Rec 100 102 103 97 106 | Prep T Prep T %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 9: Matrix Sp Prep T Prep T %Rec Limits 70 - 130 70 - 130 | Dike Dup Dike Dup Dype: Tot Batch: 10 RPD 5 | licate |

Eurofins Midland

Project/Site: Ling Federal #3 Battery

Client: Carmona Resources

QC Sample Results

Job ID: 880-54752-1 SDG: Lea County, New Mexico

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

| Matrix: Solid | D MSD | | | | | | | | Cilei | 11 34 | imple iD: | Matrix S | ріке Du Туре: Т | |
|---|--|------|-----------|--|---|------|--------|---------------------------------------|-------|------------|---|--|--|--|
| Analysis Batch: 103350 | | | | | | | | | | | | | Batch: | |
| | | | | | | | | | | | | | | |
| • · · · | MSD | | | | | | | | | | | | | |
| Surrogate | %Recovery | Qual | ifier | Limits | | | | | | | | | | |
| 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) | 107 95 | | | 70 ₋ 130 70 ₋ 130 | | | | | | | | | | |
| lethod: 8015B NM - Diesel I | | nan | ics (DR | | | | | | | | | | | |
| Lab Sample ID: MB 880-103330/ | | gun | | | | | | | | | Client Sa | ample ID: | Metho | d Blar |
| Matrix: Solid | | | | | | | | | | | | | Type: T | |
| Analysis Batch: 103368 | | | | | | | | | | | | | Batch: | |
| | | ΜВ | МВ | | | | | | | | | | | |
| Analyte | Re | sult | Qualifier | RL | | MDL | Unit | | D | Pr | epared | Analy | zed | Dil Fa |
| Gasoline Range Organics (GRO)-C6-C10 | < | 50.0 | U | 50.0 | | | mg/Kg | | _ | 02/20 |)/25 21:51 | 02/21/25 | 17:41 | |
| Diesel Range Organics (Over C10-C28) | <5 | 50.0 | U | 50.0 | | | mg/Kg | | | 02/20 | 0/25 21:51 | 02/21/25 | 17:41 | |
| Oil Range Organics (Over C28-C36) | | 50.0 | | 50.0 | | | mg/Kg | | | 02/20 |)/25 21:51 | 02/21/25 | 17:41 | |
| 0 | | | MB | 1 | | | | | | | | A | | D 11 C |
| Surrogate 1-Chlorooctane | | 122 | Qualifier | Limits 70 - 130 | | | | | | | repared 0/25 21:51 | Analy 02/21/25 | | Dil Fa |
| p-Terphenyl | | 110 | | 70 <u>-</u> 130 | | | | | | | 0/25 21:51 | 02/21/25 | | |
| Matrix: Solid | / 2-A | | | | | | | | С | lient | Sample | | ontrol S Type: T Batch: | otal/N |
| Matrix: Solid Analysis Batch: 103368 | /2-A | | | Spike | | LCS | | Unit | С | | - | Prep Prep %Rec | Type: T | otal/N |
| Matrix: Solid Analysis Batch: 103368 Analyte | /2-A | | | Added | Result | | | Unit ma/Ka | С | <u>D</u> | %Rec | Prep Prep %Rec Limits | Type: T | otal/N |
| Matrix: Solid Analysis Batch: 103368 Analyte Gasoline Range Organics | /2-A | | | | | | | Unit mg/Kg | С | | - | Prep Prep %Rec | Type: T | otal/N |
| Matrix: Solid Analysis Batch: 103368 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over | /2-A | | | Added | Result | | | | С | | %Rec | Prep Prep %Rec Limits | Type: T | otal/N |
| Matrix: Solid Analysis Batch: 103368 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over | /2-A | LCS | | Added | Result 1177 | | | mg/Kg | С | | %Rec | Prep Prep %Rec Limits 70 - 130 | Type: T | otal/N |
| Matrix: Solid Analysis Batch: 103368 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) | | | ifier | Added | Result 1177 | | | mg/Kg | C | | %Rec | Prep Prep %Rec Limits 70 - 130 | Type: T | otal/N |
| Matrix: Solid Analysis Batch: 103368 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate | LCS | | ifier | Added 1000 1000 | Result 1177 | | | mg/Kg | С | | %Rec | Prep Prep %Rec Limits 70 - 130 | Type: T | otal/N |
| Matrix: Solid Analysis Batch: 103368 Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane | LCS %Recovery | | ifier | Added 1000 1000 <i>Limits</i> | Result 1177 | | | mg/Kg | C | | %Rec | Prep Prep %Rec Limits 70 - 130 | Type: T | otal/N |
| Matrix: Solid Analysis Batch: 103368 GROJ-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane p-Terphenyl Lab Sample ID: LCSD 880-10333 | LCS %Recovery 130 115 | | ifier | Added 1000 1000 <i>Limits</i> 70 - 130 | Result 1177 | | | mg/Kg mg/Kg | | <u>D</u> . | %Rec 118 109 | Prep %Rec Limits 70 - 130 70 - 130 | Type: T Batch: | otal/N 10333 |
| Matrix: Solid Analysis Batch: 103368 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane p-Terphenyl Lab Sample ID: LCSD 880-10333 Matrix: Solid | LCS %Recovery 130 115 | | ifier | Added 1000 1000 <i>Limits</i> 70 - 130 | Result 1177 | | | mg/Kg mg/Kg | | <u>D</u> . | %Rec 118 109 | Prep %Rec Limits 70 - 130 70 - 130 80 Control Prep | Type: T Batch: DI Samp Type: T | otal/N 10333 |
| Matrix: Solid Analysis Batch: 103368 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane p-Terphenyl Lab Sample ID: LCSD 880-10333 Matrix: Solid | LCS %Recovery 130 115 | | ifier | Added 1000 1000 <u>Limits</u> 70 - 130 70 - 130 | Result 1177 1090 | Qual | lifier | mg/Kg mg/Kg | | <u>D</u> . | %Rec 118 109 | Prep %Rec Limits 70 - 130 70 - 130 70 - 130 | Type: T Batch: | ole Du otal/N 10333 |
| Matrix: Solid Analysis Batch: 103368 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane D-Terphenyl Lab Sample ID: LCSD 880-10333 Matrix: Solid Analysis Batch: 103368 | LCS %Recovery 130 115 | | ifier | Added 1000 1000 <i>Limits</i> 70 - 130 | Result 1177 | Qual | D | mg/Kg mg/Kg | | <u>D</u> . | %Rec 118 109 ple ID: L | Prep %Rec Limits 70 - 130 70 - 130 80 Control Prep | Type: T Batch: DI Samp Type: T | otal/N 10333 0le Du otal/N 10333 RF |
| Matrix: Solid Analysis Batch: 103368 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-10333 Matrix: Solid Analysis Batch: 103368 Analyte Gasoline Range Organics | LCS %Recovery 130 115 | | ifier | Added 1000 1000 <i>Limits</i> 70 - 130 70 - 130 Spike | Result 1177 1090 | Qual | D | mg/Kg mg/Kg CI | | D Sam | %Rec 118 109 | Prep %Rec Limits 70 - 130 70 - 130 70 - 130 80 Contro Prep %Rec | Type: T Batch: JI Samp Type: T Batch: | otal/N 10333 0le Du otal/N 10333 RF |
| Matrix: Solid Analysis Batch: 103368 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane p-Terphenyl Lab Sample ID: LCSD 880-10333 Matrix: Solid Analysis Batch: 103368 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over | LCS %Recovery 130 115 | | ifier | Added 1000 1000 <i>Limits</i> 70 - 130 70 - 130 70 - 130 | Result 1177 1090 LCSD Result | Qual | D | mg/Kg mg/Kg Cl | | D Sam | %Rec 118 109 ple ID: L | Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 %Rec Limits | DI Samp Type: T DI Samp Type: T Batch: | otal/N 10333 otal/N 10333 |
| Matrix: Solid Analysis Batch: 103368 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-10333 Matrix: Solid Analysis Batch: 103368 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over | LCS %Recovery 130 115 | Qual | | Added 1000 1000 <i>Limits</i> 70 - 130 70 - 130 70 - 130 Spike Added 1000 | Result 1177 1090 LCSD Result 1164 | Qual | D | mg/Kg mg/Kg Cl Unit mg/Kg | | D Sam | %Rec 118 109 ple ID: L %Rec 116 | Prep %Rec Limits 70 - 130 70 - 130 70 - 130 ab Contro Prep %Rec Limits 70 - 130 | DI Samp Type: T Batch: Type: T Batch: <u>RPD</u> 1 | otal/N 10333 otal/N 10333 RF |
| Lab Sample ID: LCS 880-103330 Matrix: Solid Analysis Batch: 103368 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-10333 Matrix: Solid Analysis Batch: 103368 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate | LCS %Recovery 130 115 80/3-A | Qual | | Added 1000 1000 <i>Limits</i> 70 - 130 70 - 130 70 - 130 Spike Added 1000 | Result 1177 1090 LCSD Result 1164 | Qual | D | mg/Kg mg/Kg Cl Unit mg/Kg | | D Sam | %Rec 118 109 ple ID: L %Rec 116 | Prep %Rec Limits 70 - 130 70 - 130 70 - 130 ab Contro Prep %Rec Limits 70 - 130 | DI Samp Type: T Batch: Type: T Batch: <u>RPD</u> 1 | otal/N 10333 otal/N 10333 RF |
| Matrix: Solid Analysis Batch: 103368 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-10333 Matrix: Solid Analysis Batch: 103368 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) | LCS %Recovery 130 115 80/3-A | Qual | | Added 1000 1000 1000 1000 1000 70 - 130 70 - 130 70 - 130 1000 1000 1000 | Result 1177 1090 LCSD Result 1164 | Qual | D | mg/Kg mg/Kg Cl Unit mg/Kg | | D Sam | %Rec 118 109 ple ID: L %Rec 116 | Prep %Rec Limits 70 - 130 70 - 130 70 - 130 ab Contro Prep %Rec Limits 70 - 130 | DI Samp Type: T Batch: Type: T Batch: <u>RPD</u> 1 | otal/N 10333 otal/N 10333 RF |

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Job ID: 880-54752-1 SDG: Lea County, New Mexico

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

| Lab Sample ID: 880-54490-A-1 | 3-D MS | | | | | | | | Client | Sample ID: I | Matrix \$ | Spike |
|--|---|--------------------|-----------------|---|---------------|------------------|------------------------|------------------------|--|---|----------------------------|---------------------|
| Matrix: Solid | • | | | | | | | | - | Prep Ty | | |
| Analysis Batch: 103368 | | | | | | | | | | Prep Ba | | |
| | Sample | Sam | nle | Spike | MS | MS | | | | %Rec | | |
| Analyte | Result | | | Added | | Qualifier | r Unit | D | %Rec | Limits | | |
| Gasoline Range Organics | <49.9 | | | 997 | 754.3 | Quanner | | _ | | 70 - 130 | | |
| Gasoline Range Organics (GRO)-C6-C10 | | U | | ופט | 107.0 | | mg/Kg | | 10 | 10 - 130 | | |
| Diesel Range Organics (Over | <49.9 | U F1 | 1 | 997 | 680.1 | F1 | mg/Kg | | 68 | 70 - 130 | | |
| C10-C28) | | | | • | | • • | | | | 10 | | |
| | MC | мs | | | | | | | | | | |
| 0 | | | | 1 : : 4 | | | | | | | | |
| Surrogate 1-Chlorooctane | %Recovery 86 | Qua | lifier | Limits 70 - 130 | | | | | | | | |
| | 80 77 | | | | | | | | | | | |
| o-Terphenyl | 11 | | | 70 - 130 | | | | | | | | |
| Lab Sample ID: 880-54490-A-1 | 3-E MSD | | | | | | c | lient S | ample ID: | Matrix Spil | e Dup | licate |
| Matrix: Solid | | | | | | | - | | unpre | Prep Ty | | |
| Analysis Batch: 103368 | | | | | | | | | | Prep Ba | | |
| Analysis Daten. 100000 | Sample | Sam | nla | Spike | MSD | MSD | | | | %Rec | | RPD |
| Analyte | Result | | • | Added | | Qualifier | r Unit | D | %Rec | Limits | RPD | Limit |
| Gasoline Range Organics | <49.9 | | | 997 | 732.3 | Quanner | mg/Kg | <u>-</u> | | 70 - 130 | 3 | 20 |
| (GRO)-C6-C10 | | 0 | | 331 | 102.0 | | mgrivy | | 10 | 70 - 100 | 0 | 20 |
| Diesel Range Organics (Over | <49.9 | U F1 | 1 | 997 | 670.4 | F1 | mg/Kg | | 67 | 70 - 130 | 1 | 20 |
| C10-C28) | | | | | | | | | | | | |
| | MSD | MSE |) | | | | | | | | | |
| Surrogate | | Qua | lifier | Limits | | | | | | | | |
| 1-Chlorooctane | 85 | | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 77 | | | 70 - 130 | | | | | | | | |
| | | | | | | | | | | 1. ID. M | 11 - A 1 | - |
| Lab Sample ID: MB 880-10339 | 5/1-A | | | | | | | | Client Sa | ample ID: M | | |
| Matrix: Solid | | | | | | | | | | Prep Ty | | |
| Analysis Batch: 103368 | | | | | | | | | | Prep Ba | itch: 10 |)3395 |
| | | | MB | | | | | | | | | |
| Analyte | | | Qualifier | | | MDL Un | | | repared | Analyzed | | Dil Fac |
| Gasoline Range Organics (GRO)-C6-C10 | < | <50.0 | U | 50. | 0 | mg | J/Kg | 02/2 | 21/25 13:15 | 02/22/25 01 | :22 | 1 |
| Diesel Range Organics (Over C10-C28) | < | <50.0 | U | 50. | 0 | mg | J/Kg | 02/2 | 21/25 13:15 | 02/22/25 01 | :22 | 1 |
| C10-C20) | | <50.0 | U | 50. | 0 | mg | J/Kg | 02/2 | 21/25 13:15 | 02/22/25 01 | :22 | 1 |
| , | < | | | | | | | | | | | |
| Oil Range Organics (Over C28-C36) | | ΜВ | МВ | | | | | | | Analyzed | 1 1 | Dil Fac |
| Oil Range Organics (Over C28-C36) | | ΜВ | MB Qualifier | Limits | _ | | | F | Prepared | | | 1 |
| Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane | | ΜВ | Qualifier | Limits 70 - 130 | _ | | | | Prepared 21/25 13:15 | 02/22/25 01 | :22 | 1 |
| Oil Range Organics (Over C28-C36) Surrogate | | MB overy | Qualifier | | | | | 02/2 | - | | | 1 |
| Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: LCS 880-10339 Matrix: Solid | %Reco | MB overy 108 | Qualifier | 70 - 130 70 - 130 | | | | 02/2 02/2 | 21/25 13:15 21/25 13:15 | 02/22/25 01 02/22/25 01 ID: Lab Cor Prep Ty Prep Ba | :22 Itrol Sa pe: Tot | 1 Imple al/NA |
| Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: LCS 880-10339 Matrix: Solid Analysis Batch: 103368 | %Reco | MB overy 108 | Qualifier | 70 - 130 70 - 130 70 - 130 Spike | LCS | LCS | | 02/2 02/2 Client | 21/25 13:15 21/25 13:15 21/25 13:15 | 02/22/25 01 02/22/25 01 ID: Lab Cor Prep Ty Prep Ba %Rec | :22 Itrol Sa pe: Tot | 1 Imple al/NA |
| Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: LCS 880-10339 Matrix: Solid Analysis Batch: 103368 Analyte | %Reco | MB overy 108 | Qualifier | 70 - 130 70 - 130 Spike Added | LCS Result | LCS Qualifier | r Unit | 02/2 02/2 | 21/25 13:15 21/25 13:15 t Sample %Rec | 02/22/25 01 02/22/25 01 ID: Lab Cor Prep Ty Prep Ba %Rec Limits | :22 Itrol Sa pe: Tot | 1 Imple al/NA |
| Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: LCS 880-10338 Matrix: Solid Analysis Batch: 103368 Analyte Gasoline Range Organics | %Reco | MB overy 108 | Qualifier | 70 - 130 70 - 130 70 - 130 Spike | LCS | | r <u>Unit</u> mg/Kg | 02/2 02/2 Client | 21/25 13:15 21/25 13:15 21/25 13:15 | 02/22/25 01 02/22/25 01 ID: Lab Cor Prep Ty Prep Ba %Rec | :22 Itrol Sa pe: Tot | 1 Imple al/NA |
| Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: LCS 880-10339 Matrix: Solid Analysis Batch: 103368 Analyte | %Reco | MB overy 108 | Qualifier | 70 - 130 70 - 130 Spike Added | LCS Result | | | 02/2 02/2 Client | 21/25 13:15 21/25 13:15 t Sample %Rec | 02/22/25 01 02/22/25 01 ID: Lab Cor Prep Ty Prep Ba %Rec Limits | :22 Itrol Sa pe: Tot | 1 Imple al/NA |

Eurofins Midland

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

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

| Lab Sample ID: LCS 880-1033 Matrix: Solid | 95/2-A | | | | | | Client | Sample | | Type: To | tal/NA |
|--|-----------|-----------|----------|--------|-----------|-------|---------|----------|-------------|-----------|--------|
| Analysis Batch: 103368 | | | | | | | | | Prep | Batch: 1 | 03395 |
| | LCS | LCS | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 137 | S1+ | 70 - 130 | | | | | | | | |
| o-Terphenyl | 125 | | 70 - 130 | | | | | | | | |
| Lab Sample ID: LCSD 880-103 | 3395/3-A | | | | | Clie | nt Sam | ple ID: | Lab Contro | ol Sample | e Dup |
| Matrix: Solid | | | | | | | | | Prep 1 | Type: Tot | tal/NA |
| Analysis Batch: 103368 | | | | | | | | | Prep | Batch: 1 | 03395 |
| | | | Spike | LCSD | LCSD | | | | %Rec | | RPD |
| Analyte | | | Added | | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1253 | | mg/Kg | | 125 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over | | | 1000 | 1184 | | mg/Kg | | 118 | 70 - 130 | 4 | 20 |
| C10-C28) | | | | | | | | | | | |
| | LCSD | LCSD | | | | | | | | | |
| Surrogate | %Recovery | | Limits | | | | | | | | |
| 1-Chlorooctane | 140 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 128 | | 70 - 130 | | | | | | | | |
| | | | | | | | | | | | |
| Lab Sample ID: 880-54750-A-4 | 1-F MS | | | | | | | Client | Sample ID | : Matrix | Spike |
| Matrix: Solid | | | | | | | | | Prep 1 | Type: Tot | tal/NA |
| Analysis Batch: 103368 | | | | | | | | | Prep | Batch: 1 | 03395 |
| | Sample | Sample | Spike | MS | MS | | | | %Rec | | |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | | |
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 997 | 770.9 | | mg/Kg | | 77 | 70 - 130 | | |
| Diesel Range Organics (Over | <50.0 | U | 997 | 749.0 | | mg/Kg | | 75 | 70 - 130 | | |
| C10-C28) | | | | | | | | | | | |
| | MS | MS | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 88 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 79 | | 70 - 130 | | | | | | | | |
| | | | | | | | | | | | |
| Lab Sample ID: 880-54750-A- | 1-G MSD | | | | | CI | ient Sa | ample IC |): Matrix S | oike Dup | licate |
| Matrix: Solid | | | | | | | | | Prep 1 | Type: Tot | tal/NA |
| Analysis Batch: 103368 | | | | | | | | | | Batch: 1 | |
| | Sample | Sample | Spike | MSD | MSD | | | | %Rec | | RPD |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 997 | 765.6 | | mg/Kg | _ | 77 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over | <50.0 | U | 997 | 751.5 | | mg/Kg | | 75 | 70 - 130 | 0 | 20 |
| C10-C28) | | | | | | | | | | | |
| | | MSD | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 88 | | 70 - 130 | | | | | | | | |

 1-Chlorooctane
 88
 70 - 130

 o-Terphenyl
 78
 70 - 130

Project/Site: Ling Federal #3 Battery

Client: Carmona Resources

QC Sample Results

| Job ID: 880-54752-1 |
|-----------------------------|
| SDG: Lea County, New Mexico |

Method: 300.0 - Anions, Ion Chromatography

| Lab Sample ID: MB 880-103385/1-A | | | | | | | | | | C | Client S | ample ID: | Method | Blank |
|--------------------------------------|--------|-----------------|-------|------|--------|-------|-------|-------|---------|-------|-----------|-----------|-----------|----------|
| Matrix: Solid | | | | | | | | | | | | | Type: S | |
| Analysis Batch: 103397 | | | | | | | | | | | | | | |
| | | MB MB | | | | | | | | | | | | |
| Analyte | R | esult Qualifier | | RL | | MDL | Unit | | D | Pre | epared | Analy | zed | Dil Fac |
| Chloride | < | <10.0 U | | 10.0 | | | mg/Kg | | | | | 02/21/25 | 5 18:34 | 1 |
| | A | | | | | | | | Clie | ent : | Sample | ID: Lab C | control S | ample |
| Matrix: Solid | | | | | | | | | | | | Prep | Type: S | oluble |
| Analysis Batch: 103397 | | | | | | | | | | | | | | |
| | | | Spike | | LCS | LCS | | | | | | %Rec | | |
| Analyte | | | Added | F | Result | Quali | fier | Unit | I | D | %Rec | Limits | | |
| Chloride | | | 250 | | 243.4 | | | mg/Kg | | | 97 | 90 _ 110 | | |
| Lab Sample ID: LCSD 880-103385/3 | B-A | | | | | | | Cli | ient Sa | amp | ole ID: I | _ab Contr | ol Sampl | le Dup |
| Matrix: Solid | | | | | | | | | | | | | o Type: S | |
| Analysis Batch: 103397 | | | | | | | | | | | | | | |
| | | | Spike | I | LCSD | LCSE |) | | | | | %Rec | | RPD |
| Analyte | | | Added | F | Result | Quali | fier | Unit | I | D | %Rec | Limits | RPD | Limit |
| Chloride | | | 250 | | 244.2 | | | mg/Kg | | | 98 | 90 - 110 | 0 | 20 |
| Lab Sample ID: 880-54752-10 MS | | | | | | | | | | | Clier | nt Sample | ID: SW- | 3 (1.5') |
| Matrix: Solid | | | | | | | | | | | | | Type: S | · · · · |
| Analysis Batch: 103397 | | | | | | | | | | | | | | |
| | Sample | Sample | Spike | | MS | MS | | | | | | %Rec | | |
| Analyte | Result | Qualifier | Added | F | Result | Quali | fier | Unit | I | D | %Rec | Limits | | |
| Chloride | <9.90 | U | 248 | | 247.1 | | | mg/Kg | | | 99 | 90 - 110 | · | |
| Lab Sample ID: 880-54752-10 MSD | | | | | | | | | | | Clier | nt Sample | ID: SW- | 3 (1.5') |
| Matrix: Solid | | | | | | | | | | | | | Type: S | |
| Analysis Batch: 103397 | | | | | | | | | | | | | | |
| - | Sample | Sample | Spike | | MSD | MSD | | | | | | %Rec | | RPD |
| Analyte | Result | Qualifier | Added | F | Result | Quali | fier | Unit | I | D | %Rec | Limits | RPD | Limit |
| Chloride | <9.90 | | 248 | | 247.7 | | | mg/Kg | | | 99 | 90 - 110 | 0 | 20 |

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Prep Type

Total/NA

Matrix

Solid

Solid

Solid

Solid

Solid

Solid

Solid

Solid

Matrix

Solid

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Client Sample ID

SW-8 (2')

SW-9 (2')

SW-10 (2')

Method Blank

Matrix Spike

Lab Control Sample

Lab Control Sample Dup

Matrix Spike Duplicate

Client Sample ID

CS-1 (1.5')

CS-2 (1.5')

CS-3 (1.5')

CS-4 (2')

CS-5 (2')

CS-6 (2')

CS-7 (2')

SW-1 (1.5')

SW-2 (1.5')

SW-3 (1.5')

SW-4 (2')

SW-5 (2')

SW-6 (2')

SW-7 (2')

Method Blank

Matrix Spike

Lab Control Sample

Lab Control Sample Dup

Matrix Spike Duplicate

GC VOA

Lab Sample ID

880-54752-15

880-54752-16

880-54752-17

MB 880-103361/5-A

LCS 880-103361/1-A

LCSD 880-103361/2-A

880-54744-A-7-C MS

880-54744-A-7-D MSD

Lab Sample ID

880-54752-1

880-54752-2

880-54752-3

880-54752-4

880-54752-5

880-54752-6

880-54752-7

880-54752-8

880-54752-9

880-54752-10

880-54752-11

880-54752-12

880-54752-13

880-54752-14

MB 880-103374/5-A

LCS 880-103374/1-A

LCSD 880-103374/2-A

880-54744-A-19-C MS

880-54744-A-19-D MSD

Prep Batch: 103361

Analysis Batch: 103350

Analysis Batch: 103349

Prep Batch

103361

103361

103361

103361

103361

103361

103361

103361

Job ID: 880-54752-1 SDG: Lea County, New Mexico

Method

8021B

8021B

8021B

8021B

8021B

8021B

8021B

8021B

Method

8021B

| 8 | 3 |
|---|---|
| | 9 |
| | |
| | |

103374

103374

103374

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103374

103374

103374

103374

103374

103374

103374

Solid 8021B Solid 8021B Solid 8021B Matrix

Client Sample ID Lab Sample ID Prep Type Method Prep Batch 880-54752-15 SW-8 (2') Total/NA 5035 Solid 880-54752-16 SW-9 (2') Total/NA Solid 5035 880-54752-17 SW-10 (2') Total/NA Solid 5035 MB 880-103361/5-A Method Blank Total/NA Solid 5035 LCS 880-103361/1-A Lab Control Sample Total/NA Solid 5035 LCSD 880-103361/2-A Lab Control Sample Dup Total/NA Solid 5035 Total/NA Solid 880-54744-A-7-C MS Matrix Spike 5035 880-54744-A-7-D MSD Matrix Spike Duplicate Total/NA Solid 5035

Prep Batch: 103374

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 880-54752-1 | CS-1 (1.5') | Total/NA | Solid | 5035 | |
| 880-54752-2 | CS-2 (1.5') | Total/NA | Solid | 5035 | |
| 880-54752-3 | CS-3 (1.5') | Total/NA | Solid | 5035 | |
| 880-54752-4 | CS-4 (2') | Total/NA | Solid | 5035 | |
| 880-54752-5 | CS-5 (2') | Total/NA | Solid | 5035 | |
| 880-54752-6 | CS-6 (2') | Total/NA | Solid | 5035 | |
| 880-54752-7 | CS-7 (2') | Total/NA | Solid | 5035 | |

Eurofins Midland

Released to Imaging: 6/9/2025 2:53:19 PM

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

GC VOA (Continued)

Prep Batch: 103374 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 880-54752-8 | SW-1 (1.5') | Total/NA | Solid | 5035 | |
| 880-54752-9 | SW-2 (1.5') | Total/NA | Solid | 5035 | |
| 880-54752-10 | SW-3 (1.5') | Total/NA | Solid | 5035 | |
| 880-54752-11 | SW-4 (2') | Total/NA | Solid | 5035 | |
| 880-54752-12 | SW-5 (2') | Total/NA | Solid | 5035 | |
| 880-54752-13 | SW-6 (2') | Total/NA | Solid | 5035 | |
| 880-54752-14 | SW-7 (2') | Total/NA | Solid | 5035 | |
| MB 880-103374/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-103374/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-103374/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-54744-A-19-C MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-54744-A-19-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

Analysis Batch: 103422

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 880-54752-1 | CS-1 (1.5') | Total/NA | Solid | Total BTEX | |
| 880-54752-2 | CS-2 (1.5') | Total/NA | Solid | Total BTEX | |
| 880-54752-3 | CS-3 (1.5') | Total/NA | Solid | Total BTEX | |
| 880-54752-4 | CS-4 (2') | Total/NA | Solid | Total BTEX | |
| 880-54752-5 | CS-5 (2') | Total/NA | Solid | Total BTEX | |
| 880-54752-6 | CS-6 (2') | Total/NA | Solid | Total BTEX | |
| 880-54752-7 | CS-7 (2') | Total/NA | Solid | Total BTEX | |
| 880-54752-8 | SW-1 (1.5') | Total/NA | Solid | Total BTEX | |
| 880-54752-9 | SW-2 (1.5') | Total/NA | Solid | Total BTEX | |
| 880-54752-10 | SW-3 (1.5') | Total/NA | Solid | Total BTEX | |
| 880-54752-11 | SW-4 (2') | Total/NA | Solid | Total BTEX | |
| 880-54752-12 | SW-5 (2') | Total/NA | Solid | Total BTEX | |
| 880-54752-13 | SW-6 (2') | Total/NA | Solid | Total BTEX | |
| 880-54752-14 | SW-7 (2') | Total/NA | Solid | Total BTEX | |
| 880-54752-15 | SW-8 (2') | Total/NA | Solid | Total BTEX | |
| 880-54752-16 | SW-9 (2') | Total/NA | Solid | Total BTEX | |
| 880-54752-17 | SW-10 (2') | Total/NA | Solid | Total BTEX | |

GC Semi VOA

Prep Batch: 103330

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|-------------|------------|
| 880-54752-1 | CS-1 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-54752-2 | CS-2 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-54752-3 | CS-3 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-54752-4 | CS-4 (2') | Total/NA | Solid | 8015NM Prep | |
| 880-54752-5 | CS-5 (2') | Total/NA | Solid | 8015NM Prep | |
| 880-54752-6 | CS-6 (2') | Total/NA | Solid | 8015NM Prep | |
| 880-54752-7 | CS-7 (2') | Total/NA | Solid | 8015NM Prep | |
| 880-54752-8 | SW-1 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-54752-9 | SW-2 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-54752-10 | SW-3 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-54752-11 | SW-4 (2') | Total/NA | Solid | 8015NM Prep | |
| MB 880-103330/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-103330/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-103330/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |

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Job ID: 880-54752-1 SDG: Lea County, New Mexico

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

GC Semi VOA (Continued)

Prep Batch: 103330 (Continued)

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|-------------|------------|
| 880-54490-A-13-D MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-54490-A-13-E MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 103368

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batc |
|---------------------|------------------------|-----------|--------|----------|-----------|
| 880-54752-1 | CS-1 (1.5') | Total/NA | Solid | 8015B NM | 10333 |
| 880-54752-2 | CS-2 (1.5') | Total/NA | Solid | 8015B NM | 10333 |
| 880-54752-3 | CS-3 (1.5') | Total/NA | Solid | 8015B NM | 10333 |
| 380-54752-4 | CS-4 (2') | Total/NA | Solid | 8015B NM | 10333 |
| 380-54752-5 | CS-5 (2') | Total/NA | Solid | 8015B NM | 10333 |
| 380-54752-6 | CS-6 (2') | Total/NA | Solid | 8015B NM | 10333 |
| 380-54752-7 | CS-7 (2') | Total/NA | Solid | 8015B NM | 10333 |
| 380-54752-8 | SW-1 (1.5') | Total/NA | Solid | 8015B NM | 10333 |
| 380-54752-9 | SW-2 (1.5') | Total/NA | Solid | 8015B NM | 10333 |
| 380-54752-10 | SW-3 (1.5') | Total/NA | Solid | 8015B NM | 10333 |
| 380-54752-11 | SW-4 (2') | Total/NA | Solid | 8015B NM | 10333 |
| 380-54752-12 | SW-5 (2') | Total/NA | Solid | 8015B NM | 10339 |
| 880-54752-13 | SW-6 (2') | Total/NA | Solid | 8015B NM | 10339 |
| 380-54752-14 | SW-7 (2') | Total/NA | Solid | 8015B NM | 10339 |
| 380-54752-15 | SW-8 (2') | Total/NA | Solid | 8015B NM | 10339 |
| 380-54752-16 | SW-9 (2') | Total/NA | Solid | 8015B NM | 10339 |
| 380-54752-17 | SW-10 (2') | Total/NA | Solid | 8015B NM | 10339 |
| MB 880-103330/1-A | Method Blank | Total/NA | Solid | 8015B NM | 10333 |
| MB 880-103395/1-A | Method Blank | Total/NA | Solid | 8015B NM | 10339 |
| CS 880-103330/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 10333 |
| CS 880-103395/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 10339 |
| CSD 880-103330/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 10333 |
| .CSD 880-103395/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 10339 |
| 80-54490-A-13-D MS | Matrix Spike | Total/NA | Solid | 8015B NM | 10333 |
| 80-54490-A-13-E MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 10333 |
| 80-54750-A-1-F MS | Matrix Spike | Total/NA | Solid | 8015B NM | 10339 |
| 880-54750-A-1-G MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 10339 |

Prep Batch: 103395

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|-------------|------------|
| 880-54752-12 | SW-5 (2') | Total/NA | Solid | 8015NM Prep | |
| 880-54752-13 | SW-6 (2') | Total/NA | Solid | 8015NM Prep | |
| 880-54752-14 | SW-7 (2') | Total/NA | Solid | 8015NM Prep | |
| 880-54752-15 | SW-8 (2') | Total/NA | Solid | 8015NM Prep | |
| 880-54752-16 | SW-9 (2') | Total/NA | Solid | 8015NM Prep | |
| 880-54752-17 | SW-10 (2') | Total/NA | Solid | 8015NM Prep | |
| MB 880-103395/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-103395/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-103395/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-54750-A-1-F MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-54750-A-1-G MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 880-54752-1 | CS-1 (1.5') | Total/NA | Solid | 8015 NM | |
| 880-54752-2 | CS-2 (1.5') | Total/NA | Solid | 8015 NM | |

Eurofins Midland

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Job ID: 880-54752-1

SDG: Lea County, New Mexico

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

GC Semi VOA (Continued)

Analysis Batch: 103570 (Continued)

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 880-54752-3 | CS-3 (1.5') | Total/NA | Solid | 8015 NM | |
| 880-54752-4 | CS-4 (2') | Total/NA | Solid | 8015 NM | |
| 880-54752-5 | CS-5 (2') | Total/NA | Solid | 8015 NM | |
| 880-54752-6 | CS-6 (2') | Total/NA | Solid | 8015 NM | |
| 880-54752-7 | CS-7 (2') | Total/NA | Solid | 8015 NM | |
| 880-54752-8 | SW-1 (1.5') | Total/NA | Solid | 8015 NM | |
| 880-54752-9 | SW-2 (1.5') | Total/NA | Solid | 8015 NM | |
| 880-54752-10 | SW-3 (1.5') | Total/NA | Solid | 8015 NM | |
| 880-54752-11 | SW-4 (2') | Total/NA | Solid | 8015 NM | |
| 880-54752-12 | SW-5 (2') | Total/NA | Solid | 8015 NM | |
| 880-54752-13 | SW-6 (2') | Total/NA | Solid | 8015 NM | |
| 880-54752-14 | SW-7 (2') | Total/NA | Solid | 8015 NM | |
| 880-54752-15 | SW-8 (2') | Total/NA | Solid | 8015 NM | |
| 880-54752-16 | SW-9 (2') | Total/NA | Solid | 8015 NM | |
| 880-54752-17 | SW-10 (2') | Total/NA | Solid | 8015 NM | |

HPLC/IC

Leach Batch: 103385

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-54752-1 | CS-1 (1.5') | Soluble | Solid | DI Leach | |
| 880-54752-2 | CS-2 (1.5') | Soluble | Solid | DI Leach | |
| 880-54752-3 | CS-3 (1.5') | Soluble | Solid | DI Leach | |
| 880-54752-4 | CS-4 (2') | Soluble | Solid | DI Leach | |
| 880-54752-5 | CS-5 (2') | Soluble | Solid | DI Leach | |
| 880-54752-6 | CS-6 (2') | Soluble | Solid | DI Leach | |
| 880-54752-7 | CS-7 (2') | Soluble | Solid | DI Leach | |
| 880-54752-8 | SW-1 (1.5') | Soluble | Solid | DI Leach | |
| 880-54752-9 | SW-2 (1.5') | Soluble | Solid | DI Leach | |
| 880-54752-10 | SW-3 (1.5') | Soluble | Solid | DI Leach | |
| 880-54752-11 | SW-4 (2') | Soluble | Solid | DI Leach | |
| 880-54752-12 | SW-5 (2') | Soluble | Solid | DI Leach | |
| 880-54752-13 | SW-6 (2') | Soluble | Solid | DI Leach | |
| 880-54752-14 | SW-7 (2') | Soluble | Solid | DI Leach | |
| 880-54752-15 | SW-8 (2') | Soluble | Solid | DI Leach | |
| 880-54752-16 | SW-9 (2') | Soluble | Solid | DI Leach | |
| 880-54752-17 | SW-10 (2') | Soluble | Solid | DI Leach | |
| MB 880-103385/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-103385/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-103385/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-54752-10 MS | SW-3 (1.5') | Soluble | Solid | DI Leach | |
| 880-54752-10 MSD | SW-3 (1.5') | Soluble | Solid | DI Leach | |

Analysis Batch: 103397

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 880-54752-1 | CS-1 (1.5') | Soluble | Solid | 300.0 | 103385 |
| 880-54752-2 | CS-2 (1.5') | Soluble | Solid | 300.0 | 103385 |
| 880-54752-3 | CS-3 (1.5') | Soluble | Solid | 300.0 | 103385 |
| 880-54752-4 | CS-4 (2') | Soluble | Solid | 300.0 | 103385 |
| 880-54752-5 | CS-5 (2') | Soluble | Solid | 300.0 | 103385 |
| 880-54752-6 | CS-6 (2') | Soluble | Solid | 300.0 | 103385 |

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Client: Carmona Resources Project/Site: Ling Federal #3 Battery

HPLC/IC (Continued)

Analysis Batch: 103397 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-54752-7 | CS-7 (2') | Soluble | Solid | 300.0 | 103385 |
| 880-54752-8 | SW-1 (1.5') | Soluble | Solid | 300.0 | 103385 |
| 880-54752-9 | SW-2 (1.5') | Soluble | Solid | 300.0 | 103385 |
| 880-54752-10 | SW-3 (1.5') | Soluble | Solid | 300.0 | 103385 |
| 880-54752-11 | SW-4 (2') | Soluble | Solid | 300.0 | 103385 |
| 880-54752-12 | SW-5 (2') | Soluble | Solid | 300.0 | 103385 |
| 880-54752-13 | SW-6 (2') | Soluble | Solid | 300.0 | 103385 |
| 880-54752-14 | SW-7 (2') | Soluble | Solid | 300.0 | 103385 |
| 880-54752-15 | SW-8 (2') | Soluble | Solid | 300.0 | 103385 |
| 880-54752-16 | SW-9 (2') | Soluble | Solid | 300.0 | 103385 |
| 880-54752-17 | SW-10 (2') | Soluble | Solid | 300.0 | 103385 |
| MB 880-103385/1-A | Method Blank | Soluble | Solid | 300.0 | 103385 |
| LCS 880-103385/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 103385 |
| LCSD 880-103385/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 103385 |
| 880-54752-10 MS | SW-3 (1.5') | Soluble | Solid | 300.0 | 103385 |
| 880-54752-10 MSD | SW-3 (1.5') | Soluble | Solid | 300.0 | 103385 |

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Job ID: 880-54752-1

SDG: Lea County, New Mexico

Initial

Amount

5.01 g

5 mL

10.07 g

1 uL

4.95 g

Final

Amount

5 mL

5 mL

10 mL

1 uL

50 mL

Batch

Number

103374

103350

103422

103570

103330

103368

103385

103397

Dil

1

1

1

1

1

Factor

Run

Client Sample ID: CS-1 (1.5') Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Soluble

Soluble

Batch

Туре

Prep

Analysis

Analysis

Analysis

Analysis

Analysis

Leach

Prep

Batch

Method

5035

8021B

Total BTEX

8015NM Prep

8015B NM

DI Leach

300.0

8015 NM

Job ID: 880-54752-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-54752-1 Matrix: Solid

Analyst

MNR

MNR

AJ

AJ

FL

TKC

SA

СН

Prepared

or Analyzed

02/21/25 11:05

02/21/25 14:07

02/21/25 14:07

02/21/25 21:24

02/20/25 21:52

02/21/25 21:24

02/21/25 10:51

02/21/25 19:10

5 9

Lab Sample ID: 880-54752-2 Matrix: Solid

Lab Sample ID: 880-54752-3

Lab Sample ID: 880-54752-4

| Date | Collected: | 02/20/25 | 00:00 |
|------|------------|----------|-------|
| Date | Received: | 02/21/25 | 10:10 |

Client Sample ID: CS-2 (1.5')

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Ргер Туре | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.04 g | 5 mL | 103374 | 02/21/25 11:05 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 103350 | 02/21/25 14:27 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 103422 | 02/21/25 14:27 | AJ | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 103570 | 02/21/25 21:54 | AJ | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 103330 | 02/20/25 21:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 103368 | 02/21/25 21:54 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 103385 | 02/21/25 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 103397 | 02/21/25 19:16 | СН | EET MID |

Client Sample ID: CS-3 (1.5') Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 103374 | 02/21/25 11:05 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 103350 | 02/21/25 14:48 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 103422 | 02/21/25 14:48 | AJ | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 103570 | 02/21/25 22:10 | AJ | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 103330 | 02/20/25 21:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 103368 | 02/21/25 22:10 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 103385 | 02/21/25 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 103397 | 02/21/25 19:22 | СН | EET MID |

Client Sample ID: CS-4 (2') Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 103374 | 02/21/25 11:05 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 103350 | 02/21/25 15:08 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 103422 | 02/21/25 15:08 | AJ | EET MID |

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Matrix: Solid

Lab

EET MID

Matrix: Solid

Released to Imaging: 6/9/2025 2:53:19 PM
Client Sample ID: CS-4 (2') Date Collected: 02/20/25 00:00

Date Received: 02/21/25 10:10

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Analysis | 8015 NM | | 1 | | | 103570 | 02/21/25 22:24 | AJ | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 103330 | 02/20/25 21:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 103368 | 02/21/25 22:24 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 103385 | 02/21/25 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 103397 | 02/21/25 19:29 | СН | EET MID |

Client Sample ID: CS-5 (2') Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 103374 | 02/21/25 11:05 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 103350 | 02/21/25 16:42 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 103422 | 02/21/25 16:42 | AJ | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 103570 | 02/21/25 22:39 | AJ | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 103330 | 02/20/25 21:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 103368 | 02/21/25 22:39 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 103385 | 02/21/25 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 103397 | 02/21/25 19:47 | СН | EET MID |

Client Sample ID: CS-6 (2')

Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 103374 | 02/21/25 11:05 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 103350 | 02/21/25 17:02 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 103422 | 02/21/25 17:02 | AJ | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 103570 | 02/21/25 22:54 | AJ | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 103330 | 02/20/25 21:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 103368 | 02/21/25 22:54 | ТКС | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 103385 | 02/21/25 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 103397 | 02/21/25 19:53 | CH | EET MID |

Client Sample ID: CS-7 (2') Date Collected: 02/20/25 00:00

Date Received: 02/21/25 10:10

| _ | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Туре | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 103374 | 02/21/25 11:05 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 103350 | 02/21/25 17:23 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 103422 | 02/21/25 17:23 | AJ | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 103570 | 02/21/25 23:08 | AJ | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 103330 | 02/20/25 21:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 103368 | 02/21/25 23:08 | TKC | EET MID |

Eurofins Midland

Matrix: Solid

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Job ID: 880-54752-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-54752-4 Matrix: Solid

Lab Sample ID: 880-54752-5

9

Lab Sample ID: 880-54752-6

Lab Sample ID: 880-54752-7

Matrix: Solid

Matrix: Solid

Project/Site: Ling Federal #3 Battery

Client Sample ID: CS-7 (2')

Lab Chronicle

Job ID: 880-54752-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-54752-7 Matrix: Solid

Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

Client: Carmona Resources

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|----------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 103385 | 02/21/25 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 103397 | 02/21/25 19:59 | СН | EET MID |

Client Sample ID: SW-1 (1.5') Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 103374 | 02/21/25 11:05 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 103350 | 02/21/25 17:43 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 103422 | 02/21/25 17:43 | AJ | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 103570 | 02/21/25 23:24 | AJ | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 103330 | 02/20/25 21:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 103368 | 02/21/25 23:24 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 103385 | 02/21/25 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 103397 | 02/21/25 20:05 | СН | EET MID |

Client Sample ID: SW-2 (1.5') Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Ргер Туре | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 103374 | 02/21/25 11:05 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 103350 | 02/21/25 18:04 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 103422 | 02/21/25 18:04 | AJ | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 103570 | 02/21/25 23:38 | AJ | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 103330 | 02/20/25 21:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 103368 | 02/21/25 23:38 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 103385 | 02/21/25 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 103397 | 02/21/25 20:11 | СН | EET MID |

Client Sample ID: SW-3 (1.5') Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

| Lab Sample | ID: | 880-54752-10 |
|------------|-----|---------------|
| | | Matrix: Solid |

Lab Sample ID: 880-54752-9

Matrix: Solid

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 103374 | 02/21/25 11:05 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 103350 | 02/21/25 18:25 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 103422 | 02/21/25 18:25 | AJ | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 103570 | 02/21/25 23:53 | AJ | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 103330 | 02/20/25 21:52 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 103368 | 02/21/25 23:53 | ТКС | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 103385 | 02/21/25 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 103397 | 02/21/25 20:17 | CH | EET MID |

Eurofins Midland

Initial

Amount

5.01 g

5 mL

10.02 g

1 uL

4.98 g

Final

Amount

5 mL

5 mL

10 mL

1 uL

50 mL

Batch

Number

103374

103350

103422

103570

103330

103368

103385

103397

02/21/25 11:05

02/21/25 18:45

02/21/25 18:45

02/22/25 00:08

02/20/25 21:52

02/22/25 00:08

02/21/25 10:51

02/21/25 20:35

Dil

1

1

1

1

1

Factor

Run

Batch

Туре

Prep

Analysis

Analysis

Analysis

Analysis

Analysis

Leach

Prep

Batch

Method

5035

8021B

Total BTEX

8015NM Prep

8015B NM

DI Leach

300.0

8015 NM

Project/Site: Ling Federal #3 Battery

Client Sample ID: SW-4 (2') Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Soluble

Soluble

Job ID: 880-54752-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-54752-11

MNR

MNR

AJ

AJ

FL

TKC

SA

СН

Matrix: Solid

EET MID

Matrix: Solid

Lab Sample ID: 880-54752-12 Matrix: Solid

Lab Sample ID: 880-54752-13

Lab Sample ID: 880-54752-14

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| | 3 |
|--|---|

Client Sample ID: SW-5 (2') Date Collected: 02/20/25 00:00

Date Received: 02/21/25 10:10

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Ргер Туре | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 103374 | 02/21/25 11:05 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 103350 | 02/21/25 19:06 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 103422 | 02/21/25 19:06 | AJ | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 103570 | 02/22/25 06:04 | AJ | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 103395 | 02/21/25 13:16 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 103368 | 02/22/25 06:04 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 103385 | 02/21/25 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 103397 | 02/21/25 21:24 | СН | EET MID |

Client Sample ID: SW-6 (2') Date Collected: 02/20/25 00:00

Date Received: 02/21/25 10:10

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Ргер Туре | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 103374 | 02/21/25 11:05 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 103350 | 02/21/25 19:26 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 103422 | 02/21/25 19:26 | AJ | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 103570 | 02/22/25 06:19 | AJ | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 103395 | 02/21/25 13:16 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 103368 | 02/22/25 06:19 | ТКС | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 103385 | 02/21/25 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 103397 | 02/21/25 20:42 | CH | EET MID |

Client Sample ID: SW-7 (2') Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 103374 | 02/21/25 11:05 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 103350 | 02/21/25 19:47 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 103422 | 02/21/25 19:47 | AJ | EET MID |

Eurofins Midland

Matrix: Solid

Prepared or Analyzed Analyst Lab

Released to Imaging: 6/9/2025 2:53:19 PM

Client Sample ID: SW-7 (2') Date Collected: 02/20/25 00:00

Date Received: 02/21/25 10:10

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Analysis | 8015 NM | | 1 | | | 103570 | 02/22/25 06:33 | AJ | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 103395 | 02/21/25 13:16 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 103368 | 02/22/25 06:33 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 103385 | 02/21/25 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 103397 | 02/21/25 21:00 | СН | EET MID |

Client Sample ID: SW-8 (2') Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Ргер Туре | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 103361 | 02/21/25 11:07 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 103349 | 02/21/25 16:33 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 103422 | 02/21/25 16:33 | AJ | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 103570 | 02/22/25 06:47 | AJ | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 103395 | 02/21/25 13:16 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 103368 | 02/22/25 06:47 | TKC | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 103385 | 02/21/25 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 103397 | 02/21/25 21:06 | СН | EET MID |

Client Sample ID: SW-9 (2')

Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Ргер Туре | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 103361 | 02/21/25 11:07 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 103349 | 02/21/25 16:54 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 103422 | 02/21/25 16:54 | AJ | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 103570 | 02/22/25 07:03 | AJ | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 103395 | 02/21/25 13:16 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 103368 | 02/22/25 07:03 | ТКС | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 103385 | 02/21/25 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 103397 | 02/21/25 21:12 | CH | EET MID |

Client Sample ID: SW-10 (2')

Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 103361 | 02/21/25 11:07 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 103349 | 02/21/25 17:14 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 103422 | 02/21/25 17:14 | AJ | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 103570 | 02/22/25 07:17 | AJ | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 103395 | 02/21/25 13:16 | EL | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 103368 | 02/22/25 07:17 | TKC | EET MID |

Eurofins Midland

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Job ID: 880-54752-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-54752-14 Matrix: Solid

Lab Sample ID: 880-54752-15

Matrix: Solid

Lab Sample ID: 880-54752-16

Lab Sample ID: 880-54752-17

Matrix: Solid

Matrix: Solid

Matrix: Solid

8 9

Lab Chronicle

Job ID: 880-54752-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-54752-17

Client Sample ID: SW-10 (2') Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

Project/Site: Ling Federal #3 Battery

Client: Carmona Resources

| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
|-----------|----------|----------|-----|--------|--------|--------|--------|----------------|---------|---------|
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 103385 | 02/21/25 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 103397 | 02/21/25 21:18 | СН | EET MID |

Laboratory References:

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

Eurofins Midland

Released to Imaging: 6/9/2025 2:53:19 PM

Accreditation/Certification Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-54752-1 SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

| thority | Prog | gram | Identification Number | Expiration Date |
|-----------------|---|----------------------------------|---|------------------------|
| xas | NEL | AP | T104704400 | 06-30-25 |
| • , | tes are included in this report, I y does not offer certification. | but the laboratory is not certif | fied by the governing authority. This lis | t may include analytes |
| Ū. | | Matrix | Analyte | |
| Analysis Method | Prep Method | Matrix | Analyte | |
| Ū. | | Matrix Solid Solid | Analyte Total TPH Total BTEX | |

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Eurofins Midland

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-54752-1 SDG: Lea County, New Mexico

| ethod | Method Description | Protocol | Laboratory |
|-----------|------------------------------------|----------|------------|
|)21B | Volatile Organic Compounds (GC) | SW846 | EET MID |
| tal BTEX | Total BTEX Calculation | TAL SOP | EET MID |
| 15 NM | Diesel Range Organics (DRO) (GC) | SW846 | EET MID |
| 15B NM | Diesel Range Organics (DRO) (GC) | SW846 | EET MID |
| .0 | Anions, Ion Chromatography | EPA | EET MID |
| 35 | Closed System Purge and Trap | SW846 | EET MID |
| 15NM Prep | Microextraction | SW846 | EET MID |
| Leach | Deionized Water Leaching Procedure | ASTM | EET MID |

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

Released to Imaging: 6/9/2025 2:53:19 PM

Sample Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Job ID: 880-54752-1 SDG: Lea County, New Mexico

| b Sample ID | Client Sample ID | Matrix | Collected | Received |
|-------------|------------------|--------|----------------|----------------|
| 80-54752-1 | CS-1 (1.5') | Solid | 02/20/25 00:00 | 02/21/25 10:10 |
| 80-54752-2 | CS-2 (1.5') | Solid | 02/20/25 00:00 | 02/21/25 10:10 |
| 80-54752-3 | CS-3 (1.5') | Solid | 02/20/25 00:00 | 02/21/25 10:10 |
| 80-54752-4 | CS-4 (2') | Solid | 02/20/25 00:00 | 02/21/25 10:10 |
| 80-54752-5 | CS-5 (2') | Solid | 02/20/25 00:00 | 02/21/25 10:10 |
| 80-54752-6 | CS-6 (2') | Solid | 02/20/25 00:00 | 02/21/25 10:10 |
| 80-54752-7 | CS-7 (2') | Solid | 02/20/25 00:00 | 02/21/25 10:10 |
| 80-54752-8 | SW-1 (1.5') | Solid | 02/20/25 00:00 | 02/21/25 10:10 |
| 80-54752-9 | SW-2 (1.5') | Solid | 02/20/25 00:00 | 02/21/25 10:10 |
| 80-54752-10 | SW-3 (1.5') | Solid | 02/20/25 00:00 | 02/21/25 10:10 |
| 80-54752-11 | SW-4 (2') | Solid | 02/20/25 00:00 | 02/21/25 10:10 |
| 80-54752-12 | SW-5 (2') | Solid | 02/20/25 00:00 | 02/21/25 10:10 |
| 80-54752-13 | SW-6 (2') | Solid | 02/20/25 00:00 | 02/21/25 10:10 |
| 80-54752-14 | SW-7 (2') | Solid | 02/20/25 00:00 | 02/21/25 10:10 |
| 80-54752-15 | SW-8 (2') | Solid | 02/20/25 00:00 | 02/21/25 10:10 |
| 80-54752-16 | SW-9 (2') | Solid | 02/20/25 00:00 | 02/21/25 10:10 |
| 80-54752-17 | SW-10 (2') | Solid | 02/20/25 00:00 | 02/21/25 10:10 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Chain of Custody



Received by OCD: 3/11/2025 9:56:16 AM

| Project Manager. | Conner Moe | hring | | | Bill to: (if | different) | | Grant | Huck | abay & | Addison | Guek | ler | | | | | | We | ork O | rder | Comments | |
|--------------------|--------------|-----------------|----------------|-----------|--------------|---------------|---------------|------------|-----------------|-----------|---------|------|------|--------|------|--------|---------|---------|--------|--------|------|-----------------|--------------------------|
| Company Name: | Carmona Re | sources | | | Company | y Name: | | Faske | en Oil | and Rar | nch | | | | | Progr | am: U | ST/PS | ат 🗇 Р | RP [|]row | nfieldstRC | |
| Address: | 310 W Wall | St Ste 500 | | | Address: | | | 6101 | Holida | ay Hill R | oad | | | | | State | of Pro | oject: | | | | | |
| City, State ZIP: | Midland, TX | | | | City, Stat | e ZIP: | | Midla | nd, Te | xas 797 | '07 | | | | | Repor | ting:Le | evel II | Leve | el III | ⊡ѕт | UST RRP [| Levei IV |
| Phone: | 432-813-682 | | | Emai | Granth | oforl.cor | n & add | song | @forl. | com | | | | | | Delive | erables | EDD | | | ADaP | T D Other: | |
| Project Name: | Li | ng Federal #3 B | attery | Tur | n Around | | | | | | 10.01 | | ANAL | YSIS I | REQU | EST | | | | | | Preservativ | /e Codes |
| Project Number: | | 2622 | | Routine | 🗹 Rusi | h | Pres. Code | | | | | | | | | | | | | | | None: NO | DI Water: H ₂ |
| Project Location | 10 | a County, New I | Mexico. | Due Date: | 721 | Hour | | | | | | | | | | | | | | | | | MeOH: Me |
| Sampler's Name: | | CRM | 10/100 | Due Duie. | | ioui | - 3 | | Ő | | | | | | | | | | | | | | HNO3: HN |
| PO #: | | | - | | 0 | | yn | | + MRO) | | | | | | | | | | | | | | NaOH: Na |
| SAMPLE RECE | | emp Blank: | Yes No | Wet Ice: | Yes | No | Parameters | | + DRO | 300.0 | | | | | | | | | | | | H3PO4: HP | |
| Received Intact: | | Yes No | Thermometer I | D: | T | 85 | ram | BTEX 8021B | + o | e 30 | | | | | | | | | | | НОГР | NaHSO4: NABIS | |
| Cooler Custody Sea | als: Ye | S NO NA | Correction Fac | or. | | 1 | – | Ĕ | GR | Chloride | | | | | | | | | | | 오 | Na2S2O3: NaSO3 | |
| Sample Custody Se | eals: Ye | S NO WA | Temperature R | eading: | 10 |). Q | | l io | SM | 5 | | | | | | | | | | | | Zn Acetate+NaOH | l: Zn |
| Fotal Containers: | | | Corrected Tem | perature: | -6 |).7 | | | TPH 8015M (GRO | | | | | | | | | | | | | NaOH+Ascorbic A | cid: SAPC |
| Sample Ide | entification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | | ₫ | | | | | | | | | | | | | Sample Co | omments |
| CS-1 | (1.5') | 2/20/2025 | | Х | | С | 1 | Х | Х | Х | | | | | | | | | | | | | |
| CS-2 | (1.5') | 2/20/2025 | | X | | С | 1 | X | X | Х | | | | | | | | | | | | | |
| CS-3 | (1.5') | 2/20/2025 | | X | | С | 1 | X | Х | Х | | | | | | | | | | | | | |
| CS- | 4 (2') | 2/20/2025 | | X | | С | 1 | X | X | Х | | | | | | | | | | | | | |
| CS- | 5 (2') | 2/20/2025 | | X | | С | 1 | X | X | X | | | | | | | | | | | | | |
| CS- | 6 (2') | 2/20/2025 | | X | | С | 1 | X | X | Х | | | | | | | | | | | | | |
| CS- | 7 (2') | 2/20/2025 | | X | | С | 1 | X | X | Х | | | | | | | | | | | | | |
| | (1.5') | 2/20/2025 | | X | | С | 1 | X | Х | Х | | | | | | | | | | | | | |
| SW-1 | 2 (1.5') | 2/20/2025 | | X | | С | 1 | X | Х | Х | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |

Chain of Custody

Work Order No: ___

| Project Manager. | Conner I | Moehri | ng | | | Bill to: (if | different) | | Grant | Hucka | abay & | Addison | Guekler | | | | | | Work C |)rder | Comments | |
|-------------------|-------------|---------|---------------|-----------------|-----------|--------------|---------------|---------------|------------|------------------------------|----------------|---------|---------|--------|------|---------|----------|-----------|-----------|-------|---|--------------------------|
| Company Name: | Carmona | a Reso | urces | | | Company | Name: | | Faske | en Oil a | and Rar | nch | | | | Progra | am: US | T/PST [| PRP |]row | nfields RC | |
| ddress: | 310 W V | Vall St | Ste 500 | | | Address: | | | 6101 | Holida | y Hill R | oad | | | | State | of Proje | ect: | _ | | | |
| City, State ZIP: | Midland, | TX 79 | 701 | | | City, Stat | e ZIP: | | Midla | nd, Te | xas 797 | 707 | | | | Report | ting:Lev | el II 🗌 L | .evel III | Dst | T/UST RRP [| Level IV |
| Phone: | 432-813 | | | | Emai | Granth | 2forl.com | n & addi | | | | | | | | Delive | rables: | EDD [| | ADaP | Other. | |
| roject Name: | | Lina | Federal #3 B | atterv | Tur | n Around | | | | | | | AN | ALYSIS | REQU | JEST | | | | | Preservativ | ve Codes |
| roject Number: | | | 2622 | | C Routine | 🗹 Rust | ı | Pres. Code | | | | | | | | | | | | | | DI Water: H ₂ |
| roject Location | | Lea (| County, New N | Nexico | Due Date: | 72 ⊦ | lour | | | | | | | | | | | | | | Cool: Cool | MeOH: Me |
| ampler's Name: | | | CRM | | | | | | | l Ql | | | | | | | | | | | HCL: HC | HNO3: HN |
| 0 #: | | _ | | | | <u> </u> | | 2 | | 2+ | | | | | | | | | | | H ₂ S0 ₄ : H ₂ | NaOH: Na |
| AMPLE RECE | IPT | Ten | np Blank: | Yes No | Wet Ice: | Yes | No | nete | m E | DRO | 0.0 | | | | | | | | | 1 | H3PO4: HP | |
| eceived Intact: | | Ye | s No | Thermometer I | D: | | | Parameters | BTEX 8021B | t o | Chloride 300.0 | | | | | | | | | НОГР | NaHSO4: NABIS | |
| ooler Custody Sea | ls: | Yes | No N/A | Correction Fac | tor: | | | Å | TEX | GR | lorid | | | | | | | | | 보 | Na2S2O3: NaSO3 | |
| ample Custody Se | als: | Yes | No N/A | Temperature R | leading: | | | | in l | SM | ర | | | | | | | | | | Zn Acetate+NaOH | l: Zn |
| otal Containers: | | | | Corrected Terr | perature: | | | | | TPH 8015M (GRO + DRO + MRO) | | | | | | | | | | | NaOH+Ascorbic A | Acid: SAPC |
| Sample Ide | ntification | | Date | Time | Soil | Water | Grab/ Comp | # of Cont | | TPI | | | | | | | | | | | Sample Co | omments |
| SW- | 1 (2') | | 2/20/2025 | | Х | | С | 1 | X | X | X | | | | | | | | | | | |
| SW- | 5 (2') | | 2/20/2025 | | X | | С | 1 | X | X | X | | | - | | | | | | | | |
| SW- | 6 (2') | | 2/20/2025 | | X | | С | 1 | X | X | X | | | | | | | | | | | |
| SW- | 7 (2') | | 2/20/2025 | | X | | С | 1 | X | X | X | | | | | | | | | | | |
| SW- | 3 (2') | | 2/20/2025 | | X | | С | 1 | X | X | Х | | | | | | | | | | | |
| SW-9 | (1.5') | | 2/20/2025 | | X | | С | 1 | X | X | X | | | | | | | | | | | |
| SW-10 | (0.5') | | 2/20/2025 | | Х | | С | 1 | X | Х | X | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | _ | | | | _ | | | | |
| | | | | I | | 1 | | | | | | | | _ | | | | | | | | |
| Comments: | | | | | | | | | | | | | | | | | | | | | | - |
| | | | | oy: (Signature) | | | | | Date/ | Time | | | | A | Rece | ived by | /: (Sign | ature) | | | Da | ate/Time |
| | A. | ~ | h | | | | | | | | | | | 7 | Y | / | | | | | | 101 |
| | | | | | | | | | | | | | / | 2 | Y | | | | | | | |

2/24/2025

Received by OCD: 3/11/2025 9:56:16 AM

Job Number: 880-54752-1

List Source: Eurofins Midland

SDG Number: Lea County, New Mexico

Login Sample Receipt Checklist

Client: Carmona Resources

Login Number: 54752 List Number: 1 Creator: Vasquez, Julisa

| 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 | |

N/A

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring Carmona Resources 310 W Wall St Ste 500 Midland, Texas 79701 Generated 2/24/2025 4:43:37 PM

JOB DESCRIPTION

Ling Federal #3 Battery Lea County, New Mexico

JOB NUMBER

880-54751-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701





Eurofins Midland

Job Notes

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

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

Authorization

AMER

Generated 2/24/2025 4:43:37 PM

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

Eurofins Midland is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

Laboratory Job ID: 880-54751-1 SDG: Lea County, New Mexico

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| | |

2

Definitions/Glossary

| Client: Carmona Resources | | | | | | | | |
|---------------------------------------|--|--|--|--|--|--|--|--|
| Project/Site: Ling Federal #3 Battery | | | | | | | | |

Job ID: 880-54751-1 SDG: Lea County, New Mexico

| Qualifiers | | 3 |
|----------------|---|-----|
| GC VOA | | |
| Qualifier | Qualifier Description | |
| U | Indicates the analyte was analyzed for but not detected. | |
| GC Semi VOA | 4 | 5 |
| Qualifier | Qualifier Description | |
| F1 | MS and/or MSD recovery exceeds control limits. | 6 |
| 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. | 8 |
| Glossary | | Q |
| 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 | 10 |
| %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 | 4.2 |
| DL | Detection Limit (DoD/DOE) | 13 |
| 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) | |
| | Limit of Detection (DoD/DOE) | |

LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level"

MDA Minimum Detectable Activity (Radiochemistry)

MDC Minimum Detectable Concentration (Radiochemistry)

 MDL
 Method Detection Limit

 ML
 Minimum Level (Dioxin)

MPN Most Probable Number MQL Method Quantitation Limit NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive

 QC
 Quality Control

 RER
 Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin)

TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Eurofins Midland

Case Narrative

Client: Carmona Resources Project: Ling Federal #3 Battery

Job ID: 880-54751-1

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Job ID: 880-54751-1

Eurofins Midland

Job Narrative

880-54751-1

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

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

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

Receipt

The sample was received on 2/21/2025 10:10 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.7°C.

Receipt Exceptions

The following sample was received and analyzed from an unpreserved bulk soil jar: Lea Land Pit (880-54751-1).

GC VOA

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-103351 recovered under the lower control limit for Toluene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported. (CCV 880-103351/33)

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

Diesel Range Organics

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-103330 and analytical batch 880-103368 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

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

Client: Carmona Resources

Job ID: 880-54751-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-54751-1

Client Sample ID: Lea Land Pit Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

Project/Site: Ling Federal #3 Battery

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|---|---|--|-----|--|--------------|--|--|--|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/25 10:57 | 02/21/25 19:46 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/25 10:57 | 02/21/25 19:46 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/25 10:57 | 02/21/25 19:46 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 02/21/25 10:57 | 02/21/25 19:46 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 02/21/25 10:57 | 02/21/25 19:46 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 02/21/25 10:57 | 02/21/25 19:46 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | | | 70 - 130 | | | | 02/21/25 10:57 | 02/21/25 19:46 | 1 |
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 | | | | 02/21/25 10:57 | 02/21/25 19:46 | 1 |
| Method: TAL SOP Total BTEX - 1 | Total BTEX Calo | ulation | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total BTEX | < 0.00402 | U | 0.00402 | | mg/Kg | | | 02/21/25 19:46 | 1 |
| Total DTEX | | | | | | | | | |
| - | al Range Organ | ics (DRO) (| GC) | | | | | | |
| Method: SW846 8015 NM - Diese | • • | <mark>ics (DRO) (</mark> Qualifier | GC) RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Method: SW846 8015 NM - Diese Analyte Total TPH | • • | Qualifier | | MDL | Unit mg/Kg | <u>D</u> | Prepared | Analyzed | Dil Fac |
| Method: SW846 8015 NM - Diese Analyte Total TPH | Result <49.8 | Qualifier U | | MDL | | <u> </u> | Prepared | | Dil Fac |
| Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Dies | Result <49.8 | Qualifier U | | MDL | mg/Kg | <u>D</u> | Prepared | | Dil Fac |
| Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Dies Analyte | Result <49.8 | Qualifier U nics (DRO) Qualifier | (GC) | | mg/Kg | | | 02/21/25 21:10 | 1 Dil Fac |
| Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 | Result Result <a a="" href="https://www.example.com" www.example.com"="" www.example.com<=""> Additional activity of the state of th | Qualifier U nics (DRO) Qualifier U | RL | | mg/Kg Unit | | Prepared 02/20/25 21:52 | 02/21/25 21:10 Analyzed 02/21/25 21:10 | 1 Dil Fac |
| Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over | Result <49.8 sel Range Orga | Qualifier U nics (DRO) Qualifier U | (GC) | | mg/Kg Unit | | Prepared | 02/21/25 21:10 Analyzed | 1 Dil Fac |
| Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) | Result Result <a a="" href="https://www.example.com" www.example.com"="" www.example.com<=""> Additional activity of the state of th | Qualifier U nics (DRO) Qualifier U U | RL | | mg/Kg | | Prepared 02/20/25 21:52 | 02/21/25 21:10 Analyzed 02/21/25 21:10 | Dil Fac |
| Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) | Result Result Sel Range Orga </td <td>Qualifier U nics (DRO) Qualifier U U U</td> <td>RL 49.8 (GC) RL 49.8 49.8 49.8 49.8</td> <td></td> <td>mg/Kg Unit mg/Kg mg/Kg</td> <td></td> <td>Prepared 02/20/25 21:52 02/20/25 21:52 02/20/25 21:52</td> <td>02/21/25 21:10 Analyzed 02/21/25 21:10 02/21/25 21:10 02/21/25 21:10</td> <td>1 Dil Fac 1 1</td> | Qualifier U nics (DRO) Qualifier U U U | RL 49.8 (GC) RL 49.8 49.8 49.8 49.8 | | mg/Kg Unit mg/Kg mg/Kg | | Prepared 02/20/25 21:52 02/20/25 21:52 02/20/25 21:52 | 02/21/25 21:10 Analyzed 02/21/25 21:10 02/21/25 21:10 02/21/25 21:10 | 1 Dil Fac 1 1 |
| Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate | Result <49.8 | Qualifier U nics (DRO) Qualifier U U | RL 49.8 (GC) RL 49.8 49.8 49.8 Limits | | mg/Kg Unit mg/Kg mg/Kg | | Prepared 02/20/25 21:52 02/20/25 21:52 02/20/25 21:52 Prepared | 02/21/25 21:10 Analyzed 02/21/25 21:10 02/21/25 21:10 02/21/25 21:10 02/21/25 21:10 | Dil Fac |
| Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane | Result <49.8 | Qualifier U nics (DRO) Qualifier U U U | RL 49.8 (GC) RL 49.8 49.8 49.8 49.8 70 - 130 | | mg/Kg Unit mg/Kg mg/Kg | | Prepared 02/20/25 21:52 02/20/25 21:52 02/20/25 21:52 Prepared 02/20/25 21:52 | 02/21/25 21:10 Analyzed 02/21/25 21:10 02/21/25 21:10 02/21/25 21:10 Analyzed 02/21/25 21:10 | 1 Dil Fac 1 1 1 Dil Fac |
| Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane | Result <49.8 | Qualifier U nics (DRO) Qualifier U U U | RL 49.8 (GC) RL 49.8 49.8 49.8 Limits | | mg/Kg Unit mg/Kg mg/Kg | | Prepared 02/20/25 21:52 02/20/25 21:52 02/20/25 21:52 Prepared | 02/21/25 21:10 Analyzed 02/21/25 21:10 02/21/25 21:10 02/21/25 21:10 02/21/25 21:10 | Dil Fac |
| Method: SW846 8015 NM - Diese Analyte | Result 49.8 sel Range Orga Result <49.8 <49.8 <49.8 <49.8 <49.8 %Recovery 84 75 a Chromatograp | Qualifier U nics (DRO) Qualifier U U U Qualifier | RL 49.8 (GC) RL 49.8 49.8 49.8 49.8 70 - 130 70 - 130 70 - 130 | | mg/Kg Unit mg/Kg mg/Kg mg/Kg | | Prepared 02/20/25 21:52 02/20/25 21:52 02/20/25 21:52 Prepared 02/20/25 21:52 | 02/21/25 21:10 Analyzed 02/21/25 21:10 02/21/25 21:10 02/21/25 21:10 Analyzed 02/21/25 21:10 | Dil Fac |

Eurofins Midland

Matrix: Solid

Job ID: 880-54751-1 SDG: Lea County, New Mexico

Prep Type: Total/NA

Method: 8021B - Volatile Organic Compounds (GC)

| Ma | atri | x: | So | lid |
|----|------|----|----|-----|

| | | | | Percent Surrogate Recovery (Acceptance Limits) |
|-------------------------|------------------------|----------|----------|--|
| | | BFB1 | DFBZ1 | |
| ab Sample ID. | Client Sample ID | (70-130) | (70-130) | |
| 380-54744-A-13-C MS | Matrix Spike | 102 | 109 | |
| 380-54744-A-13-D MSD | Matrix Spike Duplicate | 106 | 98 | |
| 380-54751-1 | Lea Land Pit | 103 | 102 | |
| _CS 880-103366/1-A | Lab Control Sample | 101 | 109 | |
| _CSD 880-103366/2-A | Lab Control Sample Dup | 102 | 111 | |
| MB 880-103366/5-A | Method Blank | 101 | 94 | |
| Surrogate Legend | | | | |
| BFB = 4-Bromofluoroben | zene (Surr) | | | |
| DFBZ = 1,4-Difluorobenz | ene (Surr) | | | |

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

Matrix: Solid Percent Surrogate Recovery (Acceptance Limits) 1CO1 OTPH1 (70-130) Lab Sample ID **Client Sample ID** (70-130) 880-54490-A-13-D MS Matrix Spike 86 77 880-54490-A-13-E MSD Matrix Spike Duplicate 85 77 880-54751-1 Lea Land Pit 75 84 LCS 880-103330/2-A Lab Control Sample 130 115 LCSD 880-103330/3-A Lab Control Sample Dup 128 113 MB 880-103330/1-A Method Blank 122 110

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Prep Type: Total/NA

Page 234 of 254

QC Sample Results

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Method: 8021B - Volatile Organic Compounds (GC)

| Lab Sample ID: MB 880-103366/5-A Matrix: Solid Analysis Batch: 103351 | | | | | | | Client Sa | mple ID: Metho Prep Type: T Prep Batch: | otal/NA |
|---|-----------|-----------|----------|-----|-------|---|----------------|---|---------|
| | MB | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 09:27 | 02/21/25 11:42 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 09:27 | 02/21/25 11:42 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 09:27 | 02/21/25 11:42 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 02/21/25 09:27 | 02/21/25 11:42 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 02/21/25 09:27 | 02/21/25 11:42 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 02/21/25 09:27 | 02/21/25 11:42 | 1 |
| | МВ | МВ | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 101 | | 70 - 130 | | | | 02/21/25 09:27 | 02/21/25 11:42 | 1 |
| 1,4-Difluorobenzene (Surr) | 94 | | 70 - 130 | | | | 02/21/25 09:27 | 02/21/25 11:42 | 1 |
| | | | | | | | | | |

Lab Sample ID: LCS 880-103366/1-A Matrix: Solid

Analysis Batch: 103351

| | Spike | LCS | LCS | | | | %Rec | |
|---------------------|-------|---------|-----------|-------|---|------|----------|--|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Benzene | 0.100 | 0.1045 | | mg/Kg | | 104 | 70 - 130 | |
| Toluene | 0.100 | 0.09318 | | mg/Kg | | 93 | 70 - 130 | |
| Ethylbenzene | 0.100 | 0.09908 | | mg/Kg | | 99 | 70 - 130 | |
| m-Xylene & p-Xylene | 0.200 | 0.2071 | | mg/Kg | | 104 | 70 - 130 | |
| o-Xylene | 0.100 | 0.1047 | | mg/Kg | | 105 | 70 - 130 | |

| | LCS | LCS | |
|-----------------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene (Surr) | 101 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 109 | | 70 - 130 |

Lab Sample ID: LCSD 880-103366/2-A

Matrix: Solid

| Analysis Batch: 103351 | | | | | | | Prep | Batch: 1 | 03366 |
|------------------------|-------|---------|-----------|-------|---|------|----------|----------|-------|
| | Spike | LCSD | LCSD | | | | %Rec | | RPD |
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Benzene | 0.100 | 0.1067 | | mg/Kg | | 107 | 70 - 130 | 2 | 35 |
| Toluene | 0.100 | 0.09536 | | mg/Kg | | 95 | 70 - 130 | 2 | 35 |
| Ethylbenzene | 0.100 | 0.1017 | | mg/Kg | | 102 | 70 - 130 | 3 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.2128 | | mg/Kg | | 106 | 70 - 130 | 3 | 35 |
| o-Xylene | 0.100 | 0.1077 | | mg/Kg | | 108 | 70 - 130 | 3 | 35 |
| | | | | | | | | | |

| | LCSD | LCSD | |
|-----------------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene (Surr) | 102 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 111 | | 70 - 130 |

Lab Sample ID: 880-54744-A-13-C MS

Matrix: Solid

| Analysis Batch: 103351 | | | | | | | | | Prep | Batch: 103366 |
|------------------------|----------|-----------|--------|---------|-----------|-------|---|------|----------|---------------|
| | Sample | Sample | Spike | MS | MS | | | | %Rec | |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Benzene | <0.00200 | U | 0.0998 | 0.1034 | | mg/Kg | | 104 | 70 - 130 | |
| Toluene | <0.00200 | U | 0.0998 | 0.09246 | | mg/Kg | | 93 | 70 - 130 | |

Eurofins Midland

Prep Type: Total/NA

Client Sample ID: Matrix Spike

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 103366

Prep Type: Total/NA

Job ID: 880-54751-1

QC Sample Results

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-54751-1

SDG: Lea County, New Mexico

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

| Lab Sample ID: 880-54744-A-1 | 3-C MS | | | | | | | | | Client | Sample ID: | Matrix | Spike |
|-----------------------------------|------------|--------|-----------|----------|---------|-----|-----------|------|--------|-------------|-------------------|---------|--------|
| Matrix: Solid | | | | | | | | | | | Prep Ty | /pe: To | tal/NA |
| Analysis Batch: 103351 | | | | | | | | | | | Prep B | atch: 1 | 0336 |
| | Sample | Sam | ple | Spike | MS | MS | | | | | %Rec | | |
| Analyte | Result | Qual | lifier | Added | Result | Qua | lifier Ur | nit | D | %Rec | Limits | | |
| Ethylbenzene | <0.00200 | U | | 0.0998 | 0.09788 | | m | g/Kg | | 98 | 70 - 130 | | |
| m-Xylene & p-Xylene | <0.00401 | U | | 0.200 | 0.2036 | | mg | g/Kg | | 102 | 70 - 130 | | |
| o-Xylene | <0.00200 | U | | 0.0998 | 0.1029 | | m | g/Kg | | 103 | 70 - 130 | | |
| | MS | мs | | | | | | | | | | | |
| Surrogate | %Recovery | Qua | lifier | Limits | | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 102 | | | 70 - 130 | | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 109 | | | 70 - 130 | | | | | | | | | |
| Lab Sample ID: 880-54744-A-1 | 3-D MSD | | | | | | | Cli | ent Sa | ample ID: | : Matrix Spi | ike Duj | plicat |
| Matrix: Solid | | | | | | | | | | | Prep Ty | | |
| Analysis Batch: 103351 | | | | | | | | | | | Prep B | - | |
| - | Sample | Sam | ple | Spike | MSD | MSD | 1 | | | | %Rec | | RP |
| Analyte | Result | Qual | lifier | Added | Result | Qua | lifier Ur | nit | D | %Rec | Limits | RPD | Lim |
| Benzene | <0.00200 | U | | 0.0996 | 0.09506 | | m | g/Kg | | 95 | 70 - 130 | 8 | 3 |
| Toluene | <0.00200 | U | | 0.0996 | 0.08692 | | m | g/Kg | | 87 | 70 - 130 | 6 | 3 |
| Ethylbenzene | <0.00200 | U | | 0.0996 | 0.09428 | | m | g/Kg | | 95 | 70 - 130 | 4 | 3 |
| m-Xylene & p-Xylene | <0.00401 | U | | 0.199 | 0.1968 | | m | g/Kg | | 99 | 70 - 130 | 3 | 3 |
| o-Xylene | <0.00200 | U | | 0.0996 | 0.1024 | | m | g/Kg | | 103 | 70 - 130 | 1 | 3 |
| | MSD | MSD |) | | | | | | | | | | |
| Surrogate | %Recovery | Qua | lifier | Limits | | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 106 | | | 70 - 130 | | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 98 | | | 70 - 130 | | | | | | | | | |
| lethod: 8015B NM - Diese | I Range Or | gan | nics (DR | O) (GC) | | | | | | | | | |
| Lab Sample ID: MB 880-10333 | 0/1_0 | | | | | | | | | Client S | ample ID: N | lothod | Blan |
| Matrix: Solid | 0/1-A | | | | | | | | | onent of | Prep Ty | | |
| | | | | | | | | | | | | | |
| Analysis Batch: 103368 | | МВ | MB | | | | | | | | Prep B | | 0333 |
| Analyte | R | | Qualifier | RL | | MDL | Unit | D | Р | repared | Analyze | Ч | Dil Fa |
| Gasoline Range Organics | | 50.0 | | 50.0 | | | mg/Kg | | · | 20/25 21:51 | 02/21/25 1 | | Diira |
| (GRO)-C6-C10 | | 50.0 | 5 | 50.0 | | | | | 5212 | | <i>JE,E1/20</i> 1 | | |
| Diesel Range Organics (Over | < | \$0.0 | U | 50.0 |) | | mg/Kg | | 02/2 | 20/25 21:51 | 02/21/25 1 | 7:41 | |
| C10-C28) | | | | | | | | | | | | | |
| Oil Range Organics (Over C28-C36) | < | \$50.0 | U | 50.0 |) | | mg/Kg | | 02/2 | 20/25 21:51 | 02/21/25 1 | 7:41 | |
| | | | МВ | | | | | | | | | | |
| | | | Qualifier | Limits | | | | | P | repared | Analyze | d | Dil Fa |
| | %Reco | | Quaimer | | _ | | | | | | | | |
| Surrogate 1-Chlorooctane | %Reco | 122 | Quanner | 70 - 130 | - | | | | | 20/25 21:51 | 02/21/25 1 | | 2 |

Lab Sample ID: LCS 880-103330/2-A Matrix: Solid

| Analysis Batch: 103368 | | | | | | | Prep B | atch: 10333 | 30 |
|-----------------------------|-------|--------|-----------|-------|---|------|----------|-------------|----|
| | Spike | LCS | LCS | | | | %Rec | | |
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | | |
| Gasoline Range Organics | 1000 | 1177 | | mg/Kg | | 118 | 70 - 130 | | |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | 1000 | 1090 | | mg/Kg | | 109 | 70 - 130 | | |
| C10-C28) | | | | | | | | | |

Eurofins Midland

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

QC Sample Results

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

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

| Lab Sample ID: LCS 880-1033 Matrix: Solid Analysis Batch: 103368 | 30/2-A | | | | | (| Client | Sample | | ontrol Sa ype: To Batch: 1 | tal/NA |
|--|-----------|-----------|----------|-------|-----------|-------|------------|----------|--------------|----------------------------------|--------|
| | LCS | LCS | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 130 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 115 | | 70 - 130 | | | | | | | | |
| _ | | | | | | | | | | | _ |
| Lab Sample ID: LCSD 880-103 | 3330/3-A | | | | | Clien | t Sam | ple ID: | Lab Contro | | |
| Matrix: Solid | | | | | | | | | | ype: To | |
| Analysis Batch: 103368 | | | | | | | | | | Batch: 1 | |
| | | | Spike | | LCSD | | | | %Rec | | RPD |
| Analyte | | | Added | | Qualifier | Unit | _ <u>D</u> | %Rec | Limits | RPD | Limit |
| Gasoline Range Organics | | | 1000 | 1164 | | mg/Kg | | 116 | 70 - 130 | 1 | 20 |
| (GRO)-C6-C10 | | | | | | | | | | | |
| Diesel Range Organics (Over | | | 1000 | 1083 | | mg/Kg | | 108 | 70 - 130 | 1 | 20 |
| C10-C28) | | | | | | | | | | | |
| | LCSD | LCSD | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 128 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 113 | | 70 - 130 | | | | | | | | |
| | | | | | | | | | | | |
| Lab Sample ID: 880-54490-A-1 | I3-D MS | | | | | | | Client | Sample ID | : Matrix | Spike |
| Matrix: Solid | | | | | | | | | Prep 1 | ype: To | tal/NA |
| Analysis Batch: 103368 | | | | | | | | | | Batch: 1 | |
| | Sample | Sample | Spike | MS | MS | | | | %Rec | | |
| Analyte | | Qualifier | Added | | Qualifier | Unit | D | %Rec | Limits | | |
| Gasoline Range Organics | <49.9 | | 997 | 754.3 | | mg/Kg | | 76 | 70 - 130 | | |
| (GRO)-C6-C10 | | | | | | 5 5 | | | | | |
| Diesel Range Organics (Over | <49.9 | U F1 | 997 | 680.1 | F1 | mg/Kg | | 68 | 70 - 130 | | |
| C10-C28) | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | MS | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 86 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 77 | | 70 - 130 | | | | | | | | |
| Γ | | | | | | | | | | | |
| Lab Sample ID: 880-54490-A-1 | 13-E MSD | | | | | Cli | ent Sa | ample IC |): Matrix Sp | - | |
| Matrix: Solid | | | | | | | | | | ype: To | |
| Analysis Batch: 103368 | | | | | | | | | | Batch: 1 | |
| | | Sample | Spike | MSD | MSD | | | | %Rec | | RPD |
| Analyte | | Qualifier | Added | | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 997 | 732.3 | | mg/Kg | | 73 | 70 - 130 | 3 | 20 |
| Diesel Range Organics (Over | <49.9 | U F1 | 997 | 670.4 | F1 | mg/Kg | | 67 | 70 - 130 | 1 | 20 |
| C10-C28) | | | | | | | | | | | |
| | MSD | MSD | | | | | | | | | |
| Surrogate | %Recovery | | Limits | | | | | | | | |
| 1-Chlorooctane | 85 | | 70 - 130 | | | | | | | | |
| | | | | | | | | | | | |

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5

6 7

Job ID: 880-54751-1 SDG: Lea County, New Mexico

Eurofins Midland

o-Terphenyl

77

70 - 130

Project/Site: Ling Federal #3 Battery

Client: Carmona Resources

QC Sample Results

Job ID: 880-54751-1 SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

| _ | | | | | | | | | | | | |
|--|-----------------|----------------|---------------------------------------|--|----------------------|--|-------|----------|----------------------------|--|--------------------------------------|--|
| Lab Sample ID: MB 880-103385/1-4 Matrix: Solid | 4 | | | | | | | | Client S | Sample ID: | | |
| | | | | | | | | | | Prep | Type: S | oiubie |
| Analysis Batch: 103397 | | МВ МВ | | | | | | | | | | |
| Analyte | В | esult Qua | ifior | RL | MDL | Unit | D | в | repared | Analy | ad | Dil Fac |
| Chloride | | 10.0 U | | 10.0 | | mg/Kg | | F | repareu | 02/21/25 | | |
| | | 10.0 0 | | 10.0 | | iiig/itg | | | | 02/21/25 | 10.34 | 1 |
| Lab Sample ID: LCS 880-103385/2- | A | | | | | | С | lient | Sample | D: Lab C | ontrol S | ample |
| Matrix: Solid | | | | | | | | | | | Type: S | |
| Analysis Batch: 103397 | | | | | | | | | | | | |
| - | | | Spike | LCS | LCS | | | | | %Rec | | |
| Analyte | | | Added | Result | Quali | fier Unit | | D | %Rec | Limits | | |
| Chloride | | | 250 | 243.4 | | mg/Kg | | | 97 | 90 - 110 | | |
| | | | | | | | | _ | | | | _ |
| Lab Sample ID: LCSD 880-103385/ | 3-A | | | | | C | lient | Sam | ipie iD: | Lab Contro | | |
| | | | | | | | | | | | Type: Se | ollinie |
| Matrix: Solid | | | | | | | | | | Frep | 1900.0 | |
| Analysis Batch: 103397 | | | Snike | LCSD | | | | | | | Type: O | |
| Analysis Batch: 103397 | | | Spike Added | | LCSD Quali | | | D | %Rec | %Rec Limits | RPD | RPD |
| | | | - | | Quali | | | <u>D</u> | <u>%Rec</u> | %Rec | | RPD Limit |
| Analysis Batch: 103397 Analyte | | | Added | Result | Quali | fier Unit | | <u>D</u> | | %Rec Limits | RPD | RPD Limit |
| Analysis Batch: 103397 Analyte | | | Added | Result | Quali | fier Unit | | <u>D</u> | 98 | %Rec Limits | RPD | RPD Limit 20 |
| Analysis Batch: 103397 Analyte Chloride Lab Sample ID: 880-54751-1 MS Matrix: Solid | | | Added | Result | Quali | fier Unit | | <u>D</u> | 98 | %Rec Limits 90 - 110 Sample ID | RPD | RPD Limit 20 nd Pit |
| Analysis Batch: 103397 Analyte Chloride Lab Sample ID: 880-54751-1 MS | | | Added | Result | Quali | fier Unit | | <u>D</u> | 98 | %Rec Limits 90 - 110 Sample ID | RPD 0 : Lea La | RPD Limit 20 nd Pit |
| Analysis Batch: 103397 Analyte Chloride Lab Sample ID: 880-54751-1 MS Matrix: Solid | Sample | Sample | Added | Result 244.2 | Quali | fier Unit | | <u>D</u> | 98 Client | %Rec Limits 90 - 110 Sample ID | RPD 0 : Lea La | RPD Limit 20 nd Pit |
| Analysis Batch: 103397 Analyte Chloride Lab Sample ID: 880-54751-1 MS Matrix: Solid Analysis Batch: 103397 Analyte | Result | Qualifier | Added 250 Spike Added | Result 244.2 MS Result | Quali | fier <u>Unit</u> mg/Kg | | D | 98 Client %Rec | %Rec Limits 90 - 110 Sample ID Prep %Rec Limits | RPD 0 : Lea La | RPD Limit 20 nd Pit |
| Analysis Batch: 103397 Analyte Chloride Lab Sample ID: 880-54751-1 MS Matrix: Solid Analysis Batch: 103397 | | Qualifier | Added 250 Spike | Result 244.2 MS | Quali MS | fier <u>Unit</u> mg/Kg | | | 98 Client | %Rec Limits 90 - 110 Sample ID Prep %Rec | RPD 0 : Lea La | RPD Limit 20 nd Pit |
| Analysis Batch: 103397 Analyte Chloride Lab Sample ID: 880-54751-1 MS Matrix: Solid Analysis Batch: 103397 Analyte Chloride | Result | Qualifier | Added 250 Spike Added | Result 244.2 MS Result | Quali MS | fier <u>Unit</u> mg/Kg | | | 98 Client %Rec 97 | %Rec Limits 90 - 110 Sample ID Prep %Rec Limits 90 - 110 | RPD 0 : Lea La Type: So | RPD Limit 20 nd Pit oluble |
| Analysis Batch: 103397 Analyte Chloride Lab Sample ID: 880-54751-1 MS Matrix: Solid Analysis Batch: 103397 Analyte Chloride Lab Sample ID: 880-54751-1 MSD | Result | Qualifier | Added 250 Spike Added | Result 244.2 MS Result | Quali MS | fier <u>Unit</u> mg/Kg | | | 98 Client %Rec 97 | %Rec Limits 90 - 110 Sample ID Prep %Rec Limits 90 - 110 Sample ID | RPD 0 : Lea La Type: So | RPD Limit 20 nd Pit oluble |
| Analysis Batch: 103397 Analyte Chloride Lab Sample ID: 880-54751-1 MS Matrix: Solid Analysis Batch: 103397 Analyte Chloride Lab Sample ID: 880-54751-1 MSD Matrix: Solid | Result | Qualifier | Added 250 Spike Added | Result 244.2 MS Result | Quali MS | fier <u>Unit</u> mg/Kg | | | 98 Client %Rec 97 | %Rec Limits 90 - 110 Sample ID Prep %Rec Limits 90 - 110 Sample ID | RPD 0 : Lea La Type: So | RPD Limit 20 nd Pit oluble |
| Analysis Batch: 103397 Analyte Chloride Lab Sample ID: 880-54751-1 MS Matrix: Solid Analysis Batch: 103397 Analyte Chloride Lab Sample ID: 880-54751-1 MSD | Result <10.0 | Qualifier | Added 250 Spike Added | Result 244.2 MS Result 249.1 | Quali MS | fier <u>Unit</u> mg/Kg | | | 98 Client %Rec 97 | %Rec Limits 90 - 110 Sample ID Prep %Rec Limits 90 - 110 Sample ID | RPD 0 : Lea La Type: So | RPD Limit 20 nd Pit oluble |
| Analysis Batch: 103397 Analyte Chloride Lab Sample ID: 880-54751-1 MS Matrix: Solid Analysis Batch: 103397 Analyte Chloride Lab Sample ID: 880-54751-1 MSD Matrix: Solid | Result <10.0 | Qualifier U | Added 250 Spike Added 251 | Result 244.2 MS Result 249.1 | Quali MS Quali | fier Unit mg/Kg fier Unit mg/Kg | | | 98 Client %Rec 97 | %Rec Limits 90 - 110 Sample ID Prep %Rec Limits 90 - 110 Sample ID Prep | RPD 0 : Lea La Type: So | RPD Limit 20 nd Pit oluble |

Eurofins Midland

751-12Mexico3Blank4Dil Fac5Dil Fac6ample7oluble189e Dup10oluble11RPD10Limit201313oluble14

Released to Imaging: 6/9/2025 2:53:19 PM

QC Association Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery

Job ID: 880-54751-1 SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 103351

| nalysis Batch: 103351 | 1 | | | | |
|------------------------|------------------------|-----------|--------|------------|------------|
| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
| 880-54751-1 | Lea Land Pit | Total/NA | Solid | 8021B | 103366 |
| MB 880-103366/5-A | Method Blank | Total/NA | Solid | 8021B | 103366 |
| LCS 880-103366/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 103366 |
| LCSD 880-103366/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 103366 |
| 880-54744-A-13-C MS | Matrix Spike | Total/NA | Solid | 8021B | 103366 |
| 880-54744-A-13-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 103366 |
| rep Batch: 103366 | | | | | |
| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
| 880-54751-1 | Lea Land Pit | Total/NA | Solid | 5035 | |
| MB 880-103366/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-103366/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-103366/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-54744-A-13-C MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-54744-A-13-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |
| analysis Batch: 103536 | ł. | | | | |
| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
| 880-54751-1 | Lea Land Pit | Total/NA | Solid | Total BTEX | |

Prep Batch: 103330

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|-------------|------------|
| 880-54751-1 | Lea Land Pit | Total/NA | Solid | 8015NM Prep | |
| MB 880-103330/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-103330/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-103330/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-54490-A-13-D MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-54490-A-13-E MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 103368

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|----------|------------|
| 880-54751-1 | Lea Land Pit | Total/NA | Solid | 8015B NM | 103330 |
| MB 880-103330/1-A | Method Blank | Total/NA | Solid | 8015B NM | 103330 |
| LCS 880-103330/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 103330 |
| LCSD 880-103330/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 103330 |
| 880-54490-A-13-D MS | Matrix Spike | Total/NA | Solid | 8015B NM | 103330 |
| 880-54490-A-13-E MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 103330 |

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 880-54751-1 | Lea Land Pit | Total/NA | Solid | 8015 NM | |
| | | | | | |

HPLC/IC

Leach Batch: 103385

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method Prep B | Batch |
|---------------------|------------------------|-----------|--------|---------------|-------|
| 880-54751-1 | Lea Land Pit | Soluble | Solid | DI Leach | |
| MB 880-103385/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-103385/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-103385/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |

Eurofins Midland

QC Association Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-54751-1 SDG: Lea County, New Mexico

HPLC/IC (Continued)

880-54751-1 MS

880-54751-1 MSD

Leach Batch: 103385 (Continued)

Lea Land Pit

Lea Land Pit

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|----------------------------------|----------------------|-----------------|-----------------|----------------------|
| 880-54751-1 MS | Lea Land Pit | Soluble | Solid | DI Leach | |
| 880-54751-1 MSD | Lea Land Pit | Soluble | Solid | DI Leach | |
| nalysis Batch: 103397 | 7 | | | | |
| _ | | | | | |
| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
| | Client Sample ID Lea Land Pit | Prep Type Soluble | Matrix Solid | Method 300.0 | Prep Batch 103385 |
| 880-54751-1 | | | | | |
| Lab Sample ID 880-54751-1 MB 880-103385/1-A LCS 880-103385/2-A | Lea Land Pit | Soluble | Solid | 300.0 | 103385 |

Soluble

Soluble

Solid

Solid

300.0

300.0

Eurofins Midland

5 6

8

103385

Initial

Amount 4.98 g

5 mL

10.04 g

1 uL

4.98 g

Dil

1

1

1

1

1

Factor

Run

Client Sample ID: Lea Land Pit Date Collected: 02/20/25 00:00 Date Received: 02/21/25 10:10

Batch

Туре

Prep

Analysis

Analysis

Analysis

Analysis

Analysis

Leach

Prep

| Lab Sample ID: 880-54751-1 |
|-----------------------------|
| SDG: Lea County, New Mexico |
| Job ID: 880-54751-1 |

80-54751-1 Matrix: Solid

| | | | Prepared | Batch | Final |
|---|---------|---------|----------------|--------|--------|
| 5 | Lab | Analyst | or Analyzed | Number | Amount |
| | EET MID | MNR | 02/21/25 10:57 | 103366 | 5 mL |
| | EET MID | MNR | 02/21/25 19:46 | 103351 | 5 mL |
| | EET MID | AJ | 02/21/25 19:46 | 103536 | |
| | EET MID | AJ | 02/21/25 21:10 | 103569 | |
| Q | EET MID | EL | 02/20/25 21:52 | 103330 | 10 mL |
| 0 | EET MID | TKC | 02/21/25 21:10 | 103368 | 1 uL |
| 9 | EET MID | SA | 02/21/25 10:51 | 103385 | 50 mL |
| | EET MID | СН | 02/21/25 18:52 | 103397 | |
| | | | | | |
| | | | | | |

Laboratory References:

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Soluble

Soluble

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

Batch

Method

5035

8021B

Total BTEX

8015NM Prep

8015B NM

DI Leach

300.0

8015 NM

Eurofins Midland

Page 241 of 254

Accreditation/Certification Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-54751-1 SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

| Ithority | Program | | Identification Number | Expiration Date | | |
|--|--|-----------------------------|---|------------------------|--|--|
| xas | NELAP | | T104704400 | 06-30-25 | | |
| The following analyt | es are included in this report, but th | he laboratory is not certit | fied by the governing authority. This lis | t mav include analvtes | | |
| for which the agenc | does not offer certification. | 2 | , , , , , , | , , | | |
| for which the agenc Analysis Method | 1 , | Matrix | Analyte | , , | | |
| for which the agenc | does not offer certification. | 2 | , , , , , , | | | |

Eurofins Midland

Project/Site: Ling Federal #3 Battery

Client: Carmona Resources

> 11 12 13

Job ID: 880-54751-1 SDG: Lea County, New Mexico

| Method | Method Description | Protocol | Laborator |
|-------------|------------------------------------|----------|-----------|
| 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

Eurofins Midland

Released to Imaging: 6/9/2025 2:53:19 PM

Sample Summary

Client: Carmona Resources Project/Site: Ling Federal #3 Battery Job ID: 880-54751-1 SDG: Lea County, New Mexico

| Lab Sample ID Client Sample ID Matrix Collected Received | Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|--|---------------|------------------|--------|----------------|----------------|
| 880-54751-1 Lea Land Pit Solid 02/20/25 00:00 02/21/25 10:10 | 880-54751-1 | Lea Land Pit | Solid | 02/20/25 00:00 | 02/21/25 10:10 |

Released to Imaging: 6/9/2025 2:53:19 PM

Chain of Custody



880-54751 Chain of Custody Page ___1_ of ____1

| Project Manager: | Conne | er Moehrir | ng | | | Bill to: (if | different) | | Grant | Hucka | bay & A | Addison | Guek | er | | | | | | Wo | rk O | rder (| Comments | 1 | | |
|--------------------|--------------------------|----------------|--------------|-------------------|-------------|-----------------------------|------------------|--------------|------------------------|--------|-----------------------|---------|------|--|-------|-------------------|---------|---------|--------|---------------|------|--------|---|----------------------------|----------------|--|
| Company Name: | | ona Reso | | | | Company | Name: | | Fasken Oil and Ranch | | | | | Program: UST/PST PRP rownfields RC perfund | | | | | | | | | | | | |
| Address: | | / Wall St S | | | | Address: | | | 6101 Holiday Hill Road | | | | | | | State of Project: | | | | | | | | | | |
| City, State ZIP: | | nd, TX 797 | | | | City, Stat | | | Midland, Texas 79707 | | | | | Reporting:Level II Level III ST/UST RRP Level IV | | | | | | | | | | | | |
| Phone: | | 13-6823 | | | Emai | Email: Granth@forl.com & ac | | | | | | •• | | | | 1 1 | Deliver | ables: | EDD | | | ADaP | T Other: | | | |
| Phone: | 452-0 | - | | | | Email. Oranin de add | | | I | | | | | | | | _ | | | | _ | _ | | | | |
| Project Name: | - | Ling | Federal #3 B | attery | | n Around | | Pres. | | | | | - | NALY | SIS R | EQUI | EST | | | | | | | ive Codes | | |
| Project Number: | | | 2622 | | Routine | Rust | 1 | Code | | | | | | | _ | _ | _ | | | | | | None: NO | DI Water: H ₂ C | | |
| Project Location | | Lea C | ounty, New M | lexico | Due Date: | 72 F | lour | | | | | | | | | | | | | | | | Cool: Cool | MeOH: Me | | |
| Sampler's Name: | | | CRM | | | | | | | + MRO) | | | | | | | | | | | | | HCL: HC | HNO3: HN | | |
| PO #: | | | | | | | | 5 | | Ŧ | | | | | | | - 1 | | | - 1 | | | H ₂ S0 ₄ : H ₂ | NaOH: Na | | |
| SAMPLE RECE | IPT | Tem | Blank: | Yes No | Wet Ice: | Yes |)No | nete | ₽ | N N | 0.00 | | | | | | | | | | | | H ₃ PO ₄ : HP | | | |
| Received Intact: | (Yes) No Thermometer ID: | |): | Ves No, | | BTEX 8021B | 0 803 | le 30 | | | | | | | | | | | НОГР | NaHSO4: NABIS | | | | | | |
| Cooler Custody Sea | als: | Yes | No NA | Correction Factor | or. | -1- | | Å | TEX | E G | Chloride 300.0 | | | | | | | | | | | Ŧ | Na2S2O3: NaSO3 | | | |
| Sample Custody Se | als: | Yes | No N/A | | re Reading: | | erature Reading: | | 1.6 | | ^m | 15M | ซ์ | | | | | | | | | | | | Zn Acetate+NaO | |
| Total Containers: | | Corrected Temp | | erature: -2.)_ | | ted Temperature: | | -2.7 | | | TPH 8015M (GRO + DRO | | | | | | | | | | | | | NaOH+Ascorbic | Acid: SAPC | |
| Sample Ide | entificatio | on | Date | Time | Soil | Water | Grab/ Comp | # of Cont | | Ţ | | | | | | | | | | | | | Sample C | omments | | |
| Lea La | and Pit | | 2/20/2025 | | Х | | С | 1 | X | X | Х | - | | | | | | | | | | | | | | |
| | | _ | | | | | | | | | - | | _ | | + | | | -+ | | | - | - | | | | |
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| | | | | | | | | | | | | - | | | + | + | | - | - | | - | - | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Comments: | | | | <u> </u> | | | | | | | | | | | | | | | | | | | | | | |
| | | F | Relinquished | by: (Signature) | | | | | Date/ | Time | | | | 2 | F | leceiv | ved by | r: (Sig | nature | e) | | | 1 dat | Date/Time | | |
| | 2 | 1 | | | | _ | | | | | | / | _ | T | P | / | - | | | | - | - | | as pi | | |

1ີ ພ

Received by OCD: 3/11/2025 9:56:16 AM

Job Number: 880-54751-1

List Source: Eurofins Midland

SDG Number: Lea County, New Mexico

Login Sample Receipt Checklist

Client: Carmona Resources

Login Number: 54751 List Number: 1 Creator: Vasquez, Julisa

| 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 | |

N/A

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").

General Information Phone: (505) 629-6116

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

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Action 441115

| QUESTIONS | | | | |
|------------------------|---|--|--|--|
| Operator: | OGRID: | | | |
| FASKEN OIL & RANCH LTD | 151416 | | | |
| 6101 Holiday Hill Rd | Action Number: | | | |
| Midland, TX 79707 | 441115 | | | |
| | Action Type: | | | |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) | | | |

QUESTIONS

| Prerequisites | |
|------------------|---|
| Incident ID (n#) | nAPP2500332961 |
| Incident Name | NAPP2500332961 LING FEDERAL #3 BATTERY @ 30-025-38608 |
| Incident Type | Oil Release |
| Incident Status | Remediation Closure Report Received |
| Incident Well | [30-025-38608] LING FEDERAL #003 |
| | |

Location of Release Source

| Site Name | Ling Federal #3 Battery |
|-------------------------|-------------------------|
| Date Release Discovered | 12/26/2024 |
| Surface Owner | Federal |

Incident Details

| Please answer all the questions in this group. | |
|---|-------------|
| Incident Type | Oil Release |
| Did this release result in a fire or is the result of a fire | No |
| Did this release result in any injuries | No |
| Has this release reached or does it have a reasonable probability of reaching a watercourse | Νο |
| Has this release endangered or does it have a reasonable probability of endangering public health | Νο |
| Has this release substantially damaged or will it substantially damage property or the environment | Νο |
| 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 fo | r the volumes provided should be attached to the follow-up C-141 submission. |
|---|---|
| Crude Oil Released (bbls) Details | Cause: Equipment Failure Valve Crude Oil Released: 16 BBL Recovered: 9 BBL Lost: 7 BBL. |
| Produced Water Released (bbls) Details | Not answered. |
| Is the concentration of chloride in the produced water >10,000 mg/l | No |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | Not answered. |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Check Valves failed on tank and caused overflow |

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QUESTIONS, Page 2

Action 441115

| QUESTIONS | (continued) |
|-----------|-------------|

| Operator: | OGRID: |
|------------------------|---|
| FASKEN OIL & RANCH LTD | 151416 |
| 6101 Holiday Hill Rd | Action Number: |
| Midland, TX 79707 | 441115 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

....

| Nature and Volume of Release (continued) | |
|---|---|
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | No |
| Reasons why this would be considered a submission for a notification of a major release | Unavailable. |
| 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 s | afety 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. |
| | ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission. |
| | |
| to report and/or file certain release notifications and perform corrective actions for releat the OCD does not relieve the operator of liability should their operations have failed to a | knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or |
| I hereby agree and sign off to the above statement | Name: Addison Long Email: addisonl@forl.com |

Date: 01/03/2025

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QUESTIONS (continued)

| Operator: | OGRID: |
|------------------------|---|
| FASKEN OIL & RANCH LTD | 151416 |
| 6101 Holiday Hill Rd | Action Number: |
| Midland, TX 79707 | 441115 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

Site Characterization

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

| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 100 and 500 (ft.) |
|--|--------------------------------|
| What method was used to determine the depth to ground water | U.S. Geological Survey |
| Did this release impact groundwater or surface water | No |
| What is the minimum distance, between the closest lateral extents of the release ar | d the following surface areas: |
| A continuously flowing watercourse or any other significant watercourse | Greater than 5 (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between 1 and 5 (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Greater than 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Greater than 5 (mi.) |
| Any other fresh water well or spring | Greater than 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 | Greater than 5 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | No |

Remediation Plan

| Please answer all the questions ti | hat 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 de | monstrating the lateral and vertical extents of soil contaminatio | n associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC. |
| Have the lateral and vertica | al extents of contamination been fully delineated | Yes |
| Was this release entirely c | ontained within a lined containment area | No |
| Soil Contamination Sampling | : (Provide the highest observable value for each, in m | illigrams per kilograms.) |
| Chloride | (EPA 300.0 or SM4500 CI B) | 111 |
| TPH (GRO+DRO+MRO) | (EPA SW-846 Method 8015M) | 3590 |
| GRO+DRO | (EPA SW-846 Method 8015M) | 3590 |
| BTEX | (EPA SW-846 Method 8021B or 8260B) | 19.7 |
| Benzene | (EPA SW-846 Method 8021B or 8260B) | 351 |
| | NMAC unless the site characterization report includes complete relines for beginning and completing the remediation. | d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, |
| On what estimated date with | Il the remediation commence | 02/19/2025 |
| On what date will (or did) t | ne final sampling or liner inspection occur | 02/20/2025 |
| On what date will (or was) | the remediation complete(d) | 02/24/2025 |
| What is the estimated surfa | ace area (in square feet) that will be reclaimed | 0 |
| What is the estimated volu | me (in cubic yards) that will be reclaimed | 0 |
| What is the estimated surfa | ace area (in square feet) that will be remediated | 1286 |
| What is the estimated volu | me (in cubic yards) that will be remediated | 127 |
| These estimated dates and measu | rements are recognized to be the best guess or calculation at th | ne 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.

Action 441115

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| 1 "5" | | |

QUESTIONS, Page 4

Action 441115

| QUESTIONS (continued) | | |
|------------------------|---|--|
| Operator: | OGRID: | |
| FASKEN OIL & RANCH LTD | 151416 | |
| 6101 Holiday Hill Rd | Action Number: | |
| Midland, TX 79707 | 441115 | |
| | Action Type: | |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) | |

QUESTIONS

Remediation Plan (continued)

| Please answer all the questions that apply or are indicated. This information must be provided to the | |
|--|---|
| This remediation will (or is expected to) utilize the following processes to remediate | e / 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 | LEA LAND LANDFILL [fEEM0112342028] |
| 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) | No |
| (In Situ) Soil Vapor Extraction | No |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | No |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | No |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | No |
| Ground Water Abatement pursuant to 19.15.30 NMAC | No |
| OTHER (Non-listed remedial process) | No |
| Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed ef which includes the anticipated timelines for beginning and completing the remediation. | fforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, |
| to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a | knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or |
| I hereby agree and sign off to the above statement | Name: Addison Long Email: addisonl@forl.com |

Date: 03/11/2025 The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 441115

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QUESTIONS (continued)

| Operator: | OGRID: |
|------------------------|---|
| FASKEN OIL & RANCH LTD | 151416 |
| 6101 Holiday Hill Rd | Action Number: |
| Midland, TX 79707 | 441115 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

| QUESTIONS | ; |
|-----------|---|
|-----------|---|

| Deferral Requests Only | |
|--|----|
| Only answer the questions in this group if seeking a deferral upon approval this submission. Each of | |
| Requesting a deferral of the remediation closure due date with the approval of this submission | Νο |

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QUESTIONS (continued)

| Operator: | OGRID: |
|------------------------|---|
| FASKEN OIL & RANCH LTD | 151416 |
| 6101 Holiday Hill Rd | Action Number: |
| Midland, TX 79707 | 441115 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Sampling Event Information | |
|---|------------|
| Last sampling notification (C-141N) recorded | 432890 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 02/20/2025 |
| What was the (estimated) number of samples that were to be gathered | 18 |
| What was the sampling surface area in square feet | 1300 |

Remediation Closure Request

| Only answer the questions in this group if seeking remediation closure for this release because all re | emediation 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 | 1286 |
| What was the total volume (cubic yards) remediated | 127 |
| 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) | Not any |
| | losure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of |
| to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a water, human health or the environment. In addition, OCD acceptance of a C-141 report | knowledge and understand that pursuant to OCD rules and regulations all operators are required ses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or ally restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed ng notification to the OCD when reclamation and re-vegetation are complete. |

| the sector sector and size off to the scheme statement | Name: Addison Long |
|--|--------------------------|
| I hereby agree and sign off to the above statement | Email: addisonl@forl.com |
| | Date: 03/11/2025 |

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Action 441115

| QUESTIONS, Page 6 |
|-------------------|
| |

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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: | OGRID: |
|------------------------|---|
| FASKEN OIL & RANCH LTD | 151416 |
| 6101 Holiday Hill Rd | Action Number: |
| Midland, TX 79707 | 441115 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | |

QUESTIONS Reclamation Report

| 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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General Information Phone: (505) 629-6116

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

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

CONDITIONS

| Operator: | OGRID: |
|------------------------|---|
| FASKEN OIL & RANCH LTD | 151416 |
| 6101 Holiday Hill Rd | Action Number: |
| Midland, TX 79707 | 441115 |
| | Action Type: |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

CONDITIONS

| Created By | | Condition Date |
|---------------|------|-------------------|
| nvelez | None | 6/9/2025 |

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