



SITE INFORMATION

Closure Report
Green Drake 16 Fed Com #402H
Lea County, New Mexico
Incident ID: NAPP2222251300
Unit I Sec 16 T25S R33E
32.129780°, -103.572726°

Reuse Water Release Point of Release: Pump Down Tanks

Release Date: 08/02/2022

Volume Released: 5 barrels of Reuse Water Volume Recovered: 2 barrels of Reuse Water

CARMONA RESOURCES

Prepared for: EOG Resources, Inc 5509 Champions Dr. Midland, TX 79706

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



TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 SITE ASSESSMENT ACTIVITIES

5.0 REMEDIATION ACTIVITIES

6.0 CONCLUSIONS

FIGURES

FIGURE 1 OVERVIEW FIGURE 2 TOPOGRAPHIC

FIGURE 3 SAMPLE LOCATION FIGURE 4 EXCAVATION

APPENDICES

APPENDIX A TABLES

APPENDIX B PHOTOS

APPENDIX C INITIAL C-141 AND FINAL/NMOCD CORRESPONDENCE

APPENDIX D SITE CHARACTERIZATION AND GROUNDWATER

APPENDIX E LABORATORY REPORT



May 15, 2023

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

Re: Closure Report

Green Drake 16 Fed Com #402H

EOG Resources Inc.

Incident # NAPP2222251300

Site Location: Unit I, S16, T25S, R33E (Lat 32.129780°, Long -103.572726°)

Lea County, New Mexico

To whom it may concern:

On behalf of EOG Resources Inc. (EOG), Carmona Resources, LLC has prepared this letter to document site assessment activities for the Green Drake 16 Fed Com #402H. This site is located at 32.129780°, -103.572726° within Unit I, S16, T25S, R33E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on August 2, 2022, due to a digital tank level gauge failure causing a pump-down tank overflow. It resulted in the release of approximately five (5) barrels of reuse water, and two (2) barrels of reuse water were recovered. The impacted area occurred on the pad. See Figure 3. The initial C-141 form is attached in Appendix C.

On November 4, 2022, the NMOCD granted a 90-day extension to February 2, 2023, to submit the approved work plan. The notification and correspondence 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, no known water sources are within a 0.50-mile radius of the location. The nearest identified well is located approximately 1.69 miles Southwest of the site in S20, T25S, R33E and was drilled in 1981. The well has a reported depth to groundwater of 204.36' below ground surface (ft bgs). A copy of the associated Point of Diversion Summary report is attached in Appendix D.

On January 3, 2023, H&R Enterprises, LLC was onsite to drill a groundwater determination bore to 60' below ground surface and within a 0.50-mile radius of the location. The bore was left open for 72 hours and tagged with a water level meter. No water was detected at 60' below the surface. The coordinates for the groundwater determination bore are 32.130188, -103.572554. See Appendix D for the log.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were

Midland Texas 79701

432.813.1992



utilized in assessing the site.

• Benzene: 10 milligrams per kilogram (mg/kg).

• Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.

• TPH: 2,500 mg/kg (GRO + DRO + MRO).

• TPH: 1,000 mg/kg (GRO+DRO).

• Chloride: 10,000 mg/kg.

4.0 Site Assessment Activities

Trenching Activities

On November 3, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. Four (4) trenches and four (4) horizontal samples were advanced to depths ranging from the surface to 8' bgs inside the release area to assess the vertical and horizontal extent. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. 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 4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E. See Table 1 for the analytical results.

Vertical Delineation

Vertical delineation was achieved for Trenches (T-1, T-2, T-3, and T-4), all below the regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 1.

Horizontal Delineation

The areas of H-1 through H-4 were below the regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 1.

5.0 Remediation Activities

Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on April 4, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of forty (40) floor confirmation samples were collected (CS-1 through CS-40), and twelve (12) sidewall samples (SW-1 through SW-12) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

The confirmation sample (CS-4) showed an elevated chloride level of 14,000 mg/kg and was excavated to an additional 0.5' to remove contaminated soil and was re-collected. All final confirmation samples were below the regulatory requirements for TPH, BTEX, and chloride. Refer to Table 2.



Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 1,072 cubic yards of material were excavated and transported offsite for proper disposal.

5.0 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

Mike Carmona

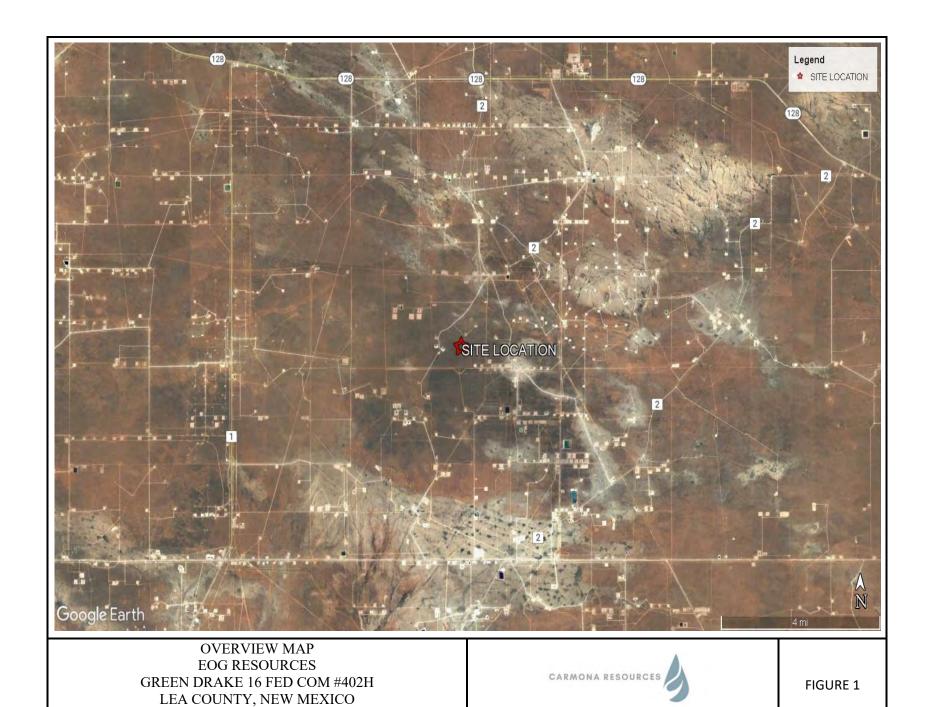
Environmental Manager

Conner Moehring

Sr. Project Manager

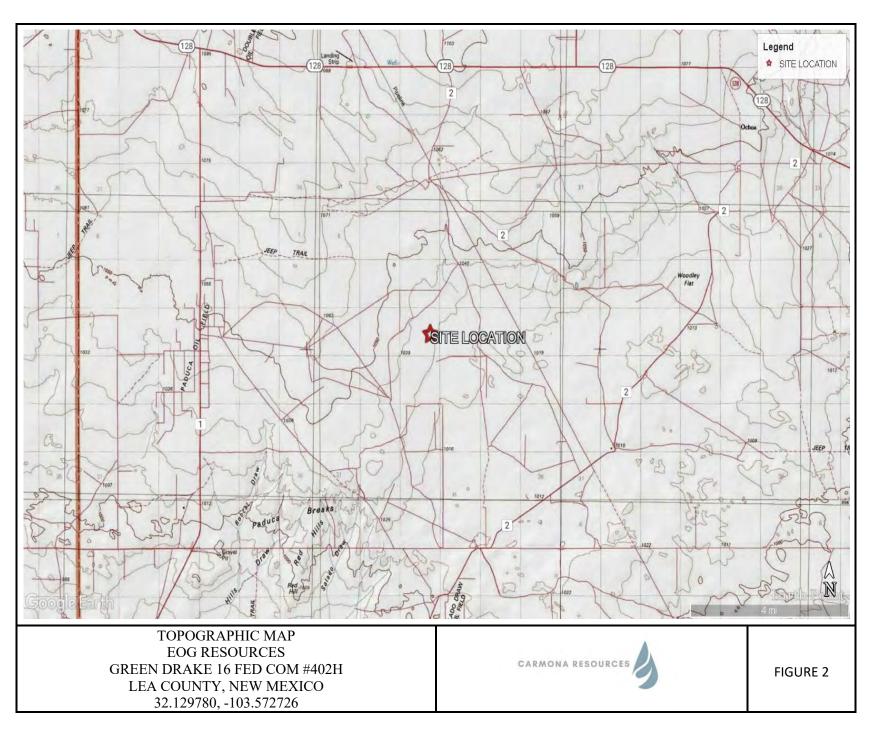
FIGURES

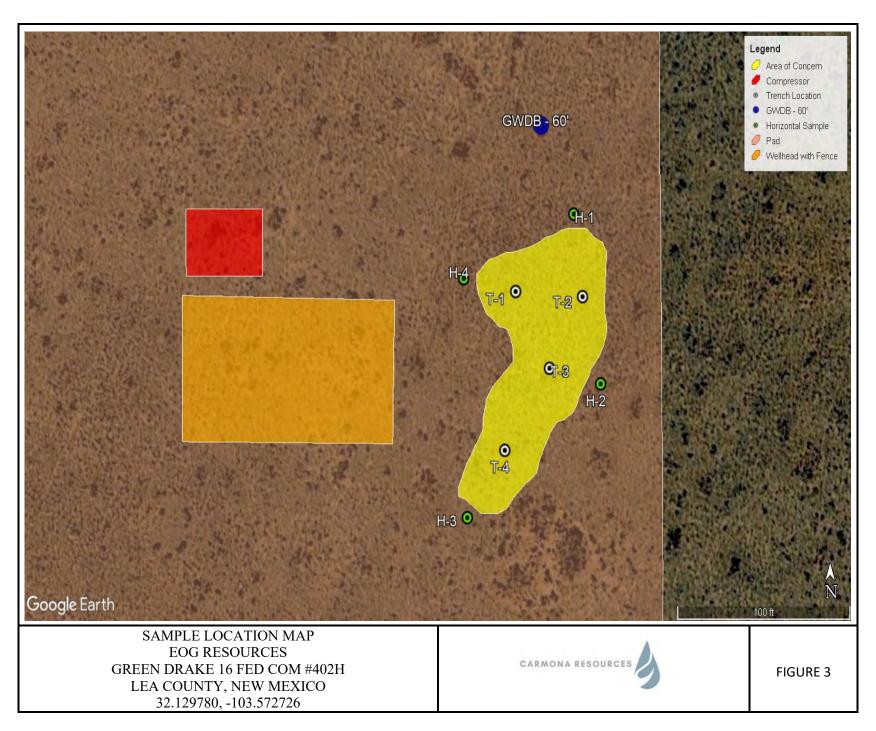
CARMONA RESOURCES

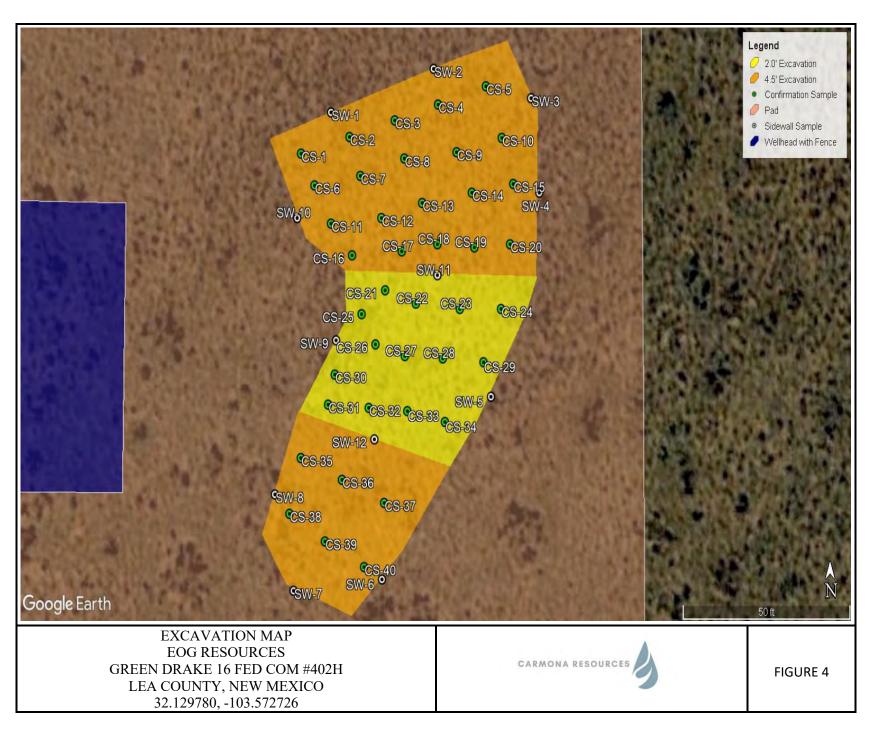


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32.129780, -103.572726







APPENDIX A

CARMONA RESOURCES

Table 1 EOG Green Drake Fed Com 402H Lea County, New Mexico

| 0 | Ditt | Donate (10) | | TPI | H (mg/kg) | | Benzene | Toluene | Ethlybenzene | Xylene | Total BTEX | 01.1 |
|-----------|---------------|-------------|-------|-------|-----------|-------------|----------|---------|--------------|---------|------------|------------------|
| Sample ID | Date | Depth (ft) | GRO | DRO | MRO | Total | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | Chloride (mg/kg) |
| | 11/3/2022 | 0-1' | <10.0 | 133 | 45.2 | 178 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 34,400 |
| | " | 1.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,360 |
| | " | 2.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,600 |
| T-1 | " | 3.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,840 |
| | " | 4.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,160 |
| | " | 5.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 5,600 |
| | " | 6.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,760 |
| | " | 7.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 144 |
| | 11/3/2022 | 0-1' | <10.0 | 50.6 | 12.8 | 63.4 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 52,800 |
| | " | 1.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,270 |
| | " | 2.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,720 |
| | " | 3.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,720 |
| T-2 | " | 4.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 6,160 |
| | " | 5.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,560 |
| | " | 6.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,440 |
| | " | 7.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,950 |
| | " | 8.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 336 |
| | 11/3/2022 | 0-1' | <10.0 | 560 | 346 | 906 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 24,800 |
| | " | 1.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,220 |
| T-3 | " | 2.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 144 |
| | " | 3.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| | " | 4.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| | 11/3/2022 | 0-1' | <10.0 | 342 | 213 | 555 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 9,120 |
| | | 1.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,980 |
| | " | 2.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,040 |
| T-4 | " | 3.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,840 |
| | " | 4.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,200 |
| | " | 5.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 480 |
| | " | 6.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| H-1 | 11/3/2022 | 0-0.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| H-2 | 11/3/2022 | 0-0.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| H-3 | 11/3/2022 | 0-0.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| H-4 | 11/3/2022 | 0-0.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| | ry Criteria A | | 1,000 | mg/kg | | 2,500 mg/kg | 10 mg/kg | - | - | - | 50 mg/kg | 10,000 mg/kg |

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons
ft-feet
(T) Trench

(T) Trench (H) Horizontal

Removed

Table 2 **EOG Green Drake Fed Com 402H Lea County, New Mexico**

| Sample ID | Date | Depth (ft) | | TPI | H (mg/kg) | | Benzene | Toluene | Ethlybenzene | Xylene | Total BTEX | Chloride (mg/kg) |
|------------|--------------------------|-------------|-------|-------|-----------|-------------|----------|---------|--------------|---------|------------|--------------------|
| Saniple ID | Date | Deptii (it) | GRO | DRO | MRO | Total | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | Cilionae (ilig/kg) |
| CS-1 | 4/7/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 656 |
| CS-2 | 4/7/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,360 |
| CS-3 | 4/7/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,240 |
| CS-4 | 4/7/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 14,000 |
| | 4/13/2023 | 5.0' | 10.5 | <10.0 | <10.0 | 10.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 448 |
| CS-5 | 4/7/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 416 |
| CS-6 | 4/10/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,760 |
| CS-7 | 4/10/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,560 |
| CS-8 | 4/10/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,520 |
| CS-9 | 4/10/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,680 |
| CS-10 | 4/10/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,840 |
| CS-11 | 4/10/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,320 |
| CS-12 | 4/10/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,720 |
| CS-13 | 4/10/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,480 |
| CS-14 | 4/10/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,560 |
| CS-15 | 4/10/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,080 |
| CS-16 | 4/10/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 480 |
| CS-17 | 4/10/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,490 |
| CS-18 | 4/10/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,720 |
| CS-19 | 4/10/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,000 |
| CS-20 | 4/10/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| Regulato | ry Criteria ^A | | 1,000 | mg/kg | | 2,500 mg/kg | 10 mg/kg | - | - | - | 50 mg/kg | 10,000 mg/kg |

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram TPH - Total Petroleum Hydrocarbons

ft - feet (CS) Confirmation Sample

Removed

Table 2 **EOG Green Drake Fed Com 402H Lea County, New Mexico**

| OI- ID | D-1- | D - 11 (61) | | TPI | H (mg/kg) | | Benzene | Toluene | Ethlybenzene | Xylene | Total BTEX | |
|-----------|--------------------------|-------------|-------|-------|-----------|-------------|----------|---------|--------------|---------|------------|------------------|
| Sample ID | Date | Depth (ft) | GRO | DRO | MRO | Total | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | Chloride (mg/kg) |
| CS-21 | 4/11/2023 | 2.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| CS-22 | 4/11/2023 | 2.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| CS-23 | 4/11/2023 | 2.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| CS-24 | 4/11/2023 | 2.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| CS-25 | 4/11/2023 | 2.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| CS-26 | 4/11/2023 | 2.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| CS-27 | 4/11/2023 | 2.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 192 |
| CS-28 | 4/11/2023 | 2.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| CS-29 | 4/11/2023 | 2.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| CS-30 | 4/11/2023 | 2.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| CS-31 | 4/11/2023 | 2.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| CS-32 | 4/11/2023 | 2.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| CS-33 | 4/11/2023 | 2.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| CS-34 | 4/11/2023 | 2.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| CS-35 | 4/11/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 752 |
| CS-36 | 4/11/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,390 |
| CS-37 | 4/11/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,040 |
| CS-38 | 4/11/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,410 |
| CS-39 | 4/11/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,820 |
| CS-40 | 4/11/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,980 |
| Regulato | ry Criteria ^A | | 1,000 | mg/kg | | 2,500 mg/kg | 10 mg/kg | - | - | - | 50 mg/kg | 10,000 mg/kg |

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

(CS) Confirmation Sample Released to Imaging: 9/1/2023 1:54:57 PM

Table 2 **EOG Green Drake Fed Com 402H Lea County, New Mexico**

| OI- ID | 1.10 | | | TPI | H (mg/kg) | | Benzene | Toluene | Ethlybenzene | Xylene | Total BTEX | Ola la viala (va a //a a) |
|-----------|----------------|------------|-------|-------|-----------|-------------|----------|---------|--------------|---------|------------|---------------------------|
| Sample ID | Date | Depth (ft) | GRO | DRO | MRO | Total | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | Chloride (mg/kg) |
| SW-1 | 4/10/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| SW-2 | 4/10/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| SW-3 | 4/10/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| SW-4 | 4/10/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| SW-5 | 4/11/2023 | 2.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| SW-6 | 4/11/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| SW-7 | 4/11/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| SW-8 | 4/11/2023 | 4.5' | <10.0 | 12.5 | 18.3 | 30.8 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| SW-9 | 4/11/2023 | 2.0' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| SW-10 | 4/10/2023 | 4.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| SW-11 | 4/10/2023 | 2.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| SW-12 | 4/10/2023 | 2.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| | ory Criteria A | | 1,000 | mg/kg | | 2,500 mg/kg | 10 mg/kg | - | - | - | 50 mg/kg | 10,000 mg/kg |

(-) Not Analyzed

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

Released to Imaging: 9/1/2023 1:54:57 PM

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 1

Facility: Green Drake 16 Fed Com

#402H

County: Lea County, New Mexico

Description:

View South, area of CS-1 through CS-20.



Photograph No. 2

Facility: Green Drake 16 Fed Com

#402H

County: Lea County, New Mexico

Description:

View Northwest, area of CS-1 through CS-20.



Photograph No. 3

Facility: Green Drake 16 Fed Com

#402H

County: Lea County, New Mexico

Description:

View West, area of CS-21 through CS-40.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 4

Facility: Green Drake 16 Fed Com

#402H

County: Lea County, New Mexico

Description:

View North, area of CS-21 through CS-34.



Photograph No. 5

Facility: Green Drake 16 Fed Com

#402H

County: Lea County, New Mexico

Description:

View West, area of CS-35 through CS-40.



APPENDIX C

CARMONA RESOURCES

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

| Incident ID | nAPP2222251300 |
|----------------|----------------|
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| Responsible Party EOG Resources OG | | | | | | 7377 | | | |
|------------------------------------|-------------|-----------------------------------|---------------------------------|------------|-------------|---|----|--|--|
| Contact Nan | ne Todd We | ells | | | Contact | t Telephone (432) 686-3613 | | | |
| Contact ema | il Todd_We | ells@eogresource | s.com | | Incident | nt # (assigned by OCD) nAPP2222251300 | | | |
| Contact mail 79706 | ing address | 5509 Champions | Drive Midland, | TX | 1 | | | | |
| | | | Location | n of R | Release S | Source | | | |
| Latitude 32.1 | 29780° | | | | Longitude | de -103.572726° | | | |
| <u> </u> | _,,00 | | (NAD 83 in a | decimal de | | lecimal places) | | | |
| Site Name G | reen Drake | 16 Fed Com #402 | Н | | Site Type | pe Well Pad | | | |
| Date Release | Discovered | 8/2/22 | | | API# (if ap | f applicable) | | | |
| Unit Letter | Section | Township | Range | | Cor | ounty | | | |
| I | 16 | 25S | 33E | Lea | | | | | |
| Surface Owne | | Federal T | Nature an | d Vo | lume of | | | | |
| Crude Oi | 1 | Volume Releas | ed (bbls) | | | Volume Recovered (bbls) | | | |
| Reuse Wa | ater | Volume Releas | ed (bbls) 5 | | | Volume Recovered (bbls) 2 | | | |
| | | Is the concentrate produced water | tion of dissolved >10,000 mg/l? | chlorid | e in the | ⊠ Yes □ No | | | |
| Condensa | ite | Volume Releas | ed (bbls) | | | Volume Recovered (bbls) | | | |
| Natural C | ias | Volume Releas | ed (Mcf) | | | Volume Recovered (Mcf) | | | |
| Other (de | scribe) | Volume/Weigh | t Released (provi | de units |) | Volume/Weight Recovered (provide units) | | | |
| | | | | | | nent caused the operator to fill and overflow the pump downth 2 bbls recovered. | wn | | |

Received by OCD: 6/7/2023 9:01:44 AMI State of New Mexico Page 2 Oil Conservation Division Page 21eof 149

Incident ID NAPP2222251300
District RP
Facility ID
Application ID

| | , |
|---|--|
| Was this a major release as defined by 19.15.29.7(A) NMAC? | If YES, for what reason(s) does the responsible party consider this a major release? |
| ☐ Yes ⊠ No | |
| | |
| If YES, was immediate n | otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? |
| | |
| | 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 rele | ease has been stopped. |
| The impacted area ha | as been secured to protect human health and the environment. |
| Released materials ha | ave been contained via the use of berms or dikes, absorbent pads, or other containment devices. |
| All free liquids and re | ecoverable materials have been removed and managed appropriately. |
| If all the actions describe | d above have <u>not</u> been undertaken, explain why: |
| | |
| | |
| | |
| | |
| has begun, please attach | IAC the responsible party may commence remediation immediately after discovery of a release. If remediation a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred nt area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation. |
| regulations all operators are public health or the environi failed to adequately investig | ormation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and required to report and/or file certain release notifications and perform corrective actions for releases which may endanger ment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have gate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In if a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws |
| Printed Name:Todd | I Wells Title: Environmental Specialist |
| Signature: Toda | <i>Wells</i> Date: <u>8/10/22</u> |
| email:Todd_Wells@ | @eogresources.com Telephone:(432) 686-3613 |
| OCD Only | |
| | Hariman COMO/0000 |
| Received by:Jocelyr | Date: 08/10/2022 |

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III 1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 132803

CONDITIONS

| Operator: | OGRID: |
|-------------------|---|
| EOG RESOURCES INC | 7377 |
| P.O. Box 2267 | Action Number: |
| Midland, TX 79702 | 132803 |
| | Action Type: |
| | [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | | Condition Date |
|------------|------|-------------------|
| jharimon | None | 8/10/2022 |

Received by OCD: 6/7/2023 9:01:44 AM State of New Mexico
Page 3 Oil Conservation Division

| | Page 23 of 149 |
|----------------|----------------|
| Incident ID | |
| District RP | |
| Facility ID | |
| Application ID | |

Site Assessment/Characterization

 $This information \ must be provided \ to \ the \ appropriate \ district \ of fice \ no \ later \ than \ 90 \ days \ after \ the \ release \ discovery \ date.$

| What is the shallowest depth to groundwater beneath the area affected by the release? | (ft bgs) |
|--|-----------------------|
| Did this release impact groundwater or surface water? | ☐ Yes ☐ No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | ☐ Yes ☐ No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | ☐ Yes ☐ No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | ☐ Yes ☐ No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | ☐ Yes ☐ No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | ☐ Yes ☐ No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | ☐ Yes ☐ No |
| Are the lateral extents of the release within 300 feet of a wetland? | ☐ Yes ☐ No |
| Are the lateral extents of the release overlying a subsurface mine? | ☐ Yes ☐ No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | ☐ Yes ☐ No |
| Are the lateral extents of the release within a 100-year floodplain? | ☐ Yes ☐ No |
| Did the release impact areas not on an exploration, development, production, or storage site? | ☐ Yes ☐ No |
| Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics. | tical extents of soil |
| Characterization Report Checklist: Each of the following items must be included in the report. | |
| Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody | ls. |

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Received by OCD: 6/7/2023 9:01:44 AM State of New Mexico
Page 4 Oil Conservation Division

| | Page 24 of 1 | 49 |
|----------------|--------------|----|
| Incident ID | | |
| District RP | | |
| Facility ID | | |
| Application ID | | |

| I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release no public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a threaddition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations. | tifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have reat to groundwater, surface water, human health or the environment. In |
|--|--|
| and/or regulations. | |
| Printed Name: | Title: |
| Signature: Todd Wells | |
| email: | Telephone: |
| | |
| OCD Only | |
| Received by: | Date: |
| | |

Received by OCD: 6/7/2023 9:01:44 AM State of New Mexico
Page 6 Oil Conservation Division

Incident ID
District RP
Facility ID
Application ID

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

| ☐ A scaled site and sampling diagram as described in 19.15.29.1 | 1 NMAC |
|--|---|
| Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection) | of the liner integrity if applicable (Note: appropriate OCD District office |
| ☐ Laboratory analyses of final sampling (Note: appropriate ODC | C District office must be notified 2 days prior to final sampling) |
| ☐ Description of remediation activities | |
| | |
| and regulations all operators are required to report and/or file certai may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rer human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification with 19.15.29. | nations. The responsible party acknowledges they must substantially anditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete. |
| Printed Name: | |
| Signature: Todd Wells | Date: |
| email: | Telephone: |
| | |
| OCD Only | |
| Received by: | Date: |
| | of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations. |
| Closure Approved by: Velson Velez | Date:09/01/2023 |
| Printed Name: Nelson Velez | Title:Environmental Specialist – Adv |

Math. Received by OCD: 6/7/2023 9:01:44 AM

Page 26 of 14

FW: [EXTERNAL] EOG - Green Drake 16 Fed Com #402H



Nobui, Jennifer, EMNRD < Jennifer.Nobui@emnrd.nm.gov>

11/4/2022 11:18 AM

To: Todd Wells Cc: Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD; Hanmon, Jocelyn, EMNRD.

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Todd

OCD has approved your 90-day extension request to February 2, 2023 to submit your remediation plan/closure request. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,

Jennifer Nobui

From: Enviro, OCD, EMNRD < OCD.Enviro@emnrd.nm.gov>

Sent: Friday, November 4, 2022 9:12 AM

To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>

Subject: Fw: [EXTERNAL] EOG - Green Drake 16 Fed Com #402H

From: Todd Wells < Todd Wells@eogresources.com>

Sent: Friday, November 4, 2022 8:47 AM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>
Subject: [EXTERNAL] EOG - Green Drake 16 Fed Com #402H

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

Good Morning,

This correspondence is to request a ninety day extension of time from the OCD for the reuse water release at the EOG, Green Drake 16 Fed Com #402H, Incident #nAPP2222251300, location in Lea County, New Mexico. Following the release, the completions operations continued for an extended period of weeks on the site for multiple operations on the same pad. The completions operations and equipment at the site prevented access to begin the remediation. The personnel and remediation activities have started at this site in order to complete the remediation, write and submit the closure report. Please let us know if you have any questions regarding this site.

Thank you,

Todd Wells Environmental Specialist Midland Division



5509 Champions Drive Midland, TX 79706 O: (432) 686-3613 C: (432) 312-7736

Released to Imaging: 9/1/2023 1:54:57 PM

From: Enviro, OCD, EMNRD

Sent: Tuesday, April 4, 2023 5:06 PM

To: Conner Moehring

Cc: Bratcher, Michael, EMNRD; Nobui, Jennifer, EMNRD

Subject: RE: [EXTERNAL] EOG - Green Drake 16 Fed Com 402H - Sampling Notification

Conner,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

Jocelyn Harimon • Environmental Specialist Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
http://www.emnrd.nm.gov



From: Conner Moehring < Cmoehring@carmonaresources.com>

Sent: Tuesday, April 4, 2023 10:25 AM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Cc: Mike Carmona < Mcarmona@carmonaresources.com >; Todd Wells

<Todd_Wells@eogresources.com>

Subject: [EXTERNAL] EOG - Green Drake 16 Fed Com 402H - Sampling Notification

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

Good Morning,

On behalf of EOG, Carmona Resources will collect confirmation samples for the below site on 04/07/23 around 8:00 a.m. Please let me know if you have any questions.

EOG – Green Drake 16 Fed Com 402H nAPP2222251300 Sec 16 T25S R33E 32.129780, -103.572726 Lea County, New Mexico Conner R. Moehring 310 West Wall Street, Suite 500 Midland Texas, 79701

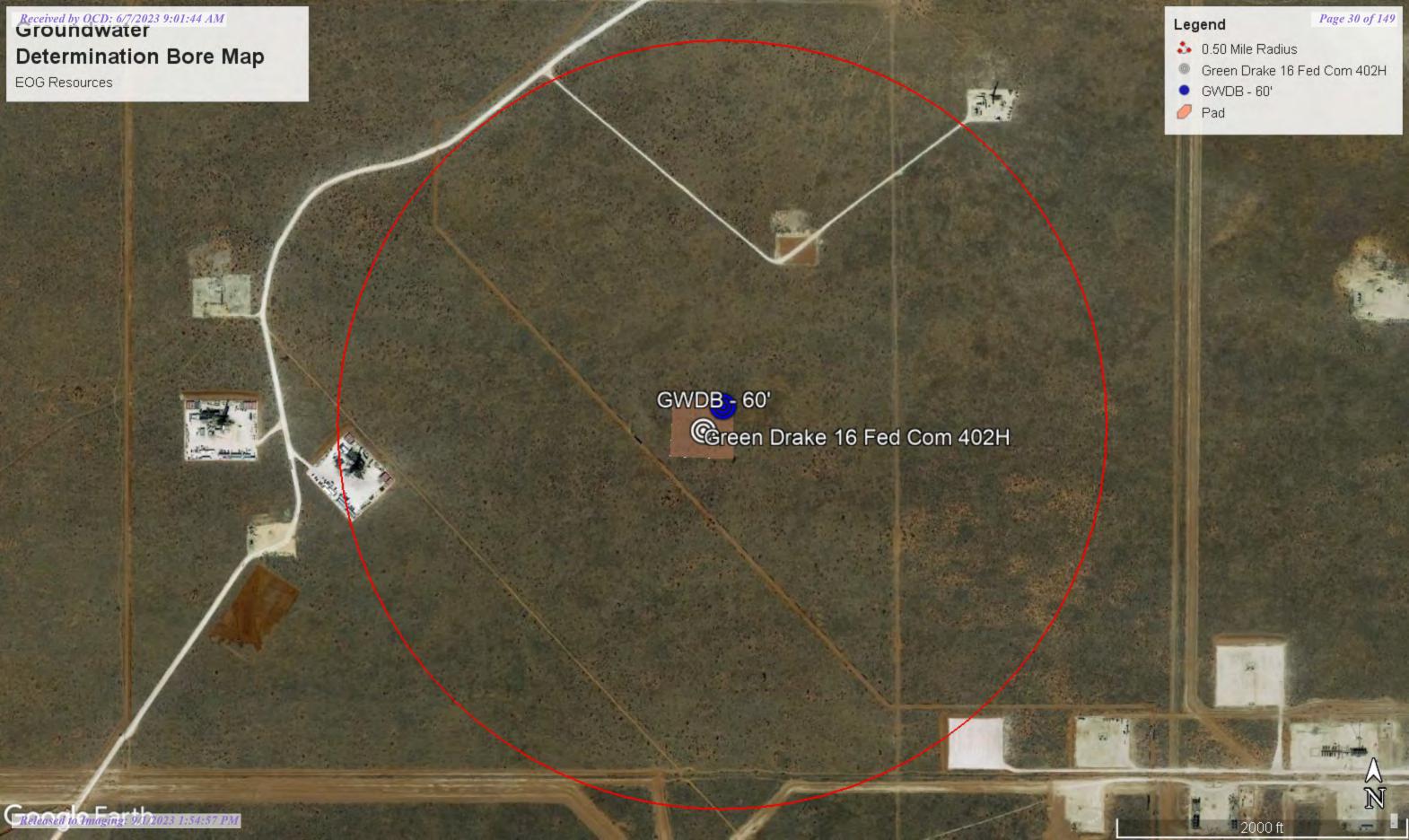
M: 432-813-6823

Cmoehring@carmonaresources.com



APPENDIX D

CARMONA RESOURCES





Project Name : Date: EOG - Green Drake 402 Tuesday, January 3, 2023 Sampler :

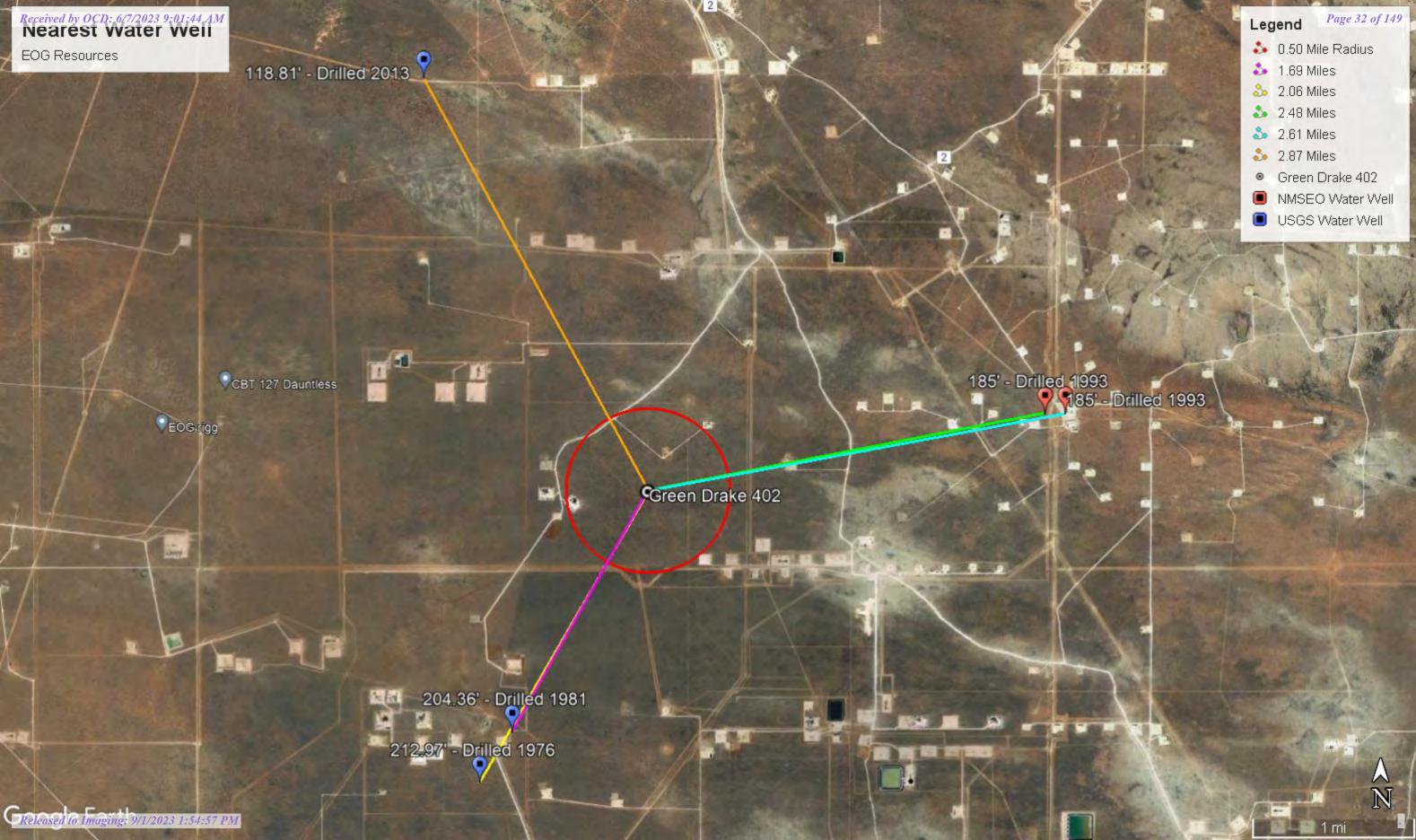
Project No. : 1170 Location: Lea County, New Mexico

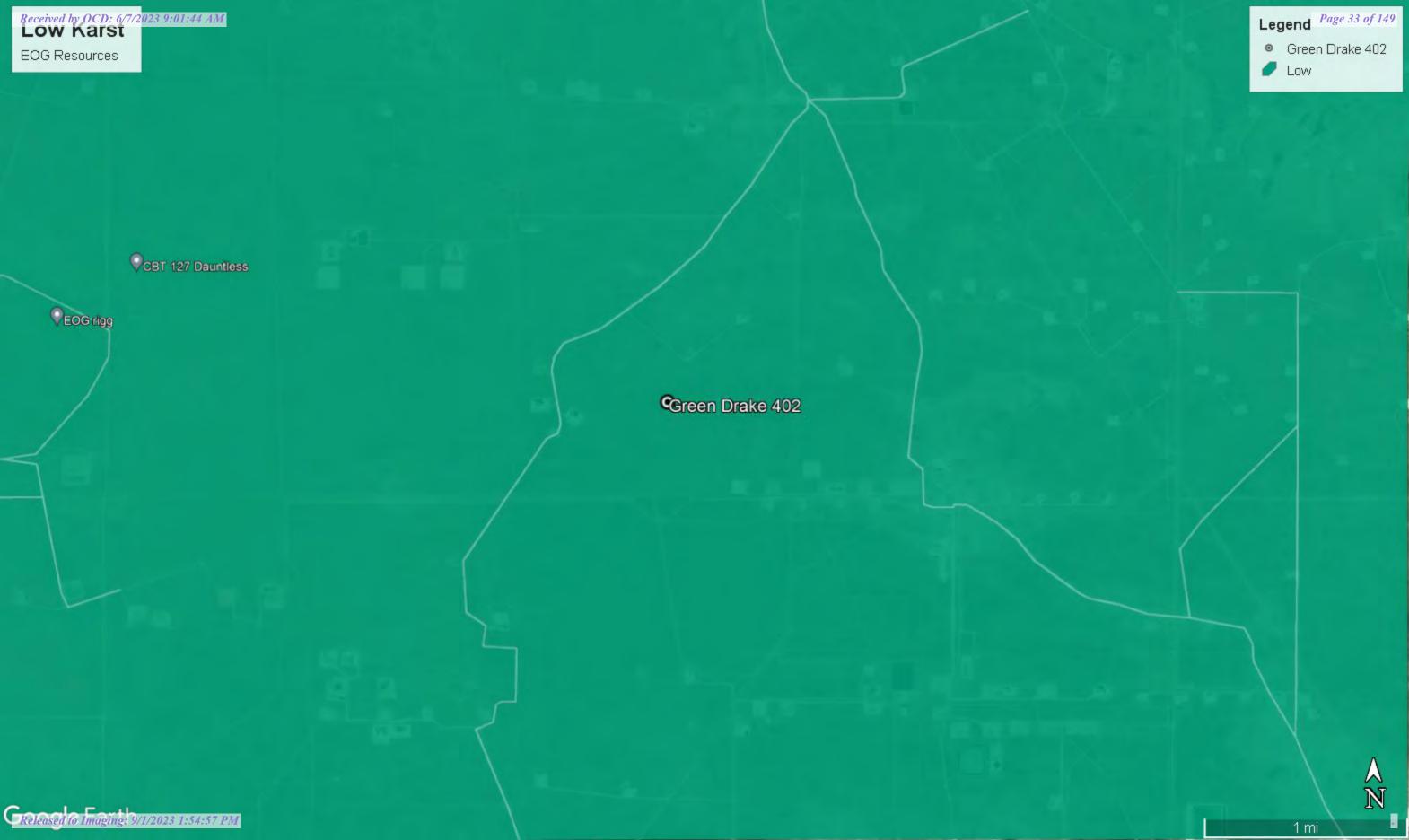
Driller: 32.130188°, -103.572554° **HR Drilling**

Coordinates : Method: Elevation : 3,391' Air Rotary

| Depth (ft.) W | L Soil Description | Lithology | Depth (ft.) | WL | Soil Description | Lithology |
|---------------|---|-----------|-------------|----|---|-----------|
| | (0') - Red to light brown very loose, soft silty sand, dry, no organics (SM). | | 50 🛨 | | (50') - Red to light brown, very loose, soft silty sand, dry, no organics (SM). | |
| 5 — | (5') - Red to light brown very loose, soft silty sand, dry, no organics (SM). | | 55 | | (55') - Red to light brown, very loose, soft silty sand, dry, no organics (SM). | |
| 10 | (10') - White to light brown very loose, soft silty sand, with >5% fine, well cemmented, angular gravel, dry, no organics (SM). | | 60 | | (60') - Red to light brown, very loose, soft silty sand, dry, no organics (SM). | |
| 15 | (15') - White to light brown very loose, soft silty sand, with >5% fine, well cemmented, angular gravel, dry, no organics (SM). | | 65 — | | | |
| 10 | (20') - White to light brown very loose, soft silty sand, with >5% fine, well cemmented, angular gravel, dry, no organics (SM). | | 70 | | | |
| 25 | (25') - White to light brown very loose, soft silty sand, with >5% fine, well cemmented, angular gravel, dry, no organics (SM). | | 75 | | | |
| 30 | (30') - White to light brown very loose, soft silty sand, with >5% fine, well cemmented, angular gravel, dry, no organics (SM). | | 80 | | | |
| 35 | (35') - White to light brown very loose, soft silty sand, with >5% fine, well cemmented, angular gravel, dry, no organics (SM). | | 85 | | | |
| 40 | (40') - Red to light brown, very loose, soft silty sand, dry, no organics (SM). | | 90 | | | |
| 45 | (45') - Red to light brown, very loose, soft silty sand, dry, no organics (SM). | | 95 | | | |
| 50 | | 11000 | 105 | | | |

Comments: Boring terminated at 60' due to borehole collapsing. No groundwater was detected.







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

(NAD83 UTM in meters)

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

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

closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(In feet)

| | | POD Sub- | | | Q | _ | _ | _ | _ | | | | - | • | Water |
|-------------------|------|-------------|--------|----|----|---|-----|-----|-----|--------|------------|----------|------|-------|--------|
| POD Number | Code | basin | County | 64 | 16 | 4 | Sec | Tws | Rng | X | Y | Distance | Well | Water | Column |
| C 04627 POD1 | | CUB | LE | 3 | 3 | 4 | 80 | 25S | 33E | 632665 | 3556725 🌑 | 2180 | | | |
| C 02373 CLW317846 | 0 | CUB | LE | 2 | 1 | 1 | 13 | 25S | 33E | 638518 | 3556544* 🌍 | 3989 | 625 | 185 | 440 |
| C 02373 S | | CUB | LE | 1 | 2 | 1 | 13 | 25S | 33E | 638721 | 3556549* 🎒 | 4189 | 625 | 185 | 440 |
| C 02313 | | CUB | LE | 2 | 3 | 3 | 26 | 25S | 33E | 636971 | 3552098* 🌍 | 4340 | 150 | 110 | 40 |

Average Depth to Water: 160 feet

> Minimum Depth: 110 feet

185 feet Maximum Depth:

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 634610.19 Northing (Y): 3555739.81 Radius: 4500

*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.



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources



Click to hideNews Bulletins

- Effective October 24, 2022 hyperlinks to legacy Current Condition pages will automatically redirect users to the corresponding Monitoring Location page. Please see the Water Data For The Nation Blog for full details, including how to navigate back to the legacy Current Condition page, if desired.
- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News 🔊

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs

site_no list =

• 320631103351401

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320631103351401 25S.33E.20.443313

Lea County, New Mexico

Latitude 32°06'31", Longitude 103°35'14" NAD27

Land-surface elevation 3,398 feet above NAVD88

This well is completed in the Other aguifers (N9999OTHER) national aguifer.

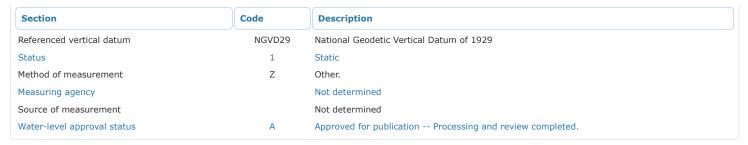
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats Table of data Tab-separated data Graph of data Reselect period

| Date | Time | ? Water- level date- time accuracy | ? Parameter code | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? Status | ? Method of measurement | ? Measuring agency | ? Source measu |
|------------|------|------------------------------------|------------------------|---|---|---------------------------------|-------------|-------------------------------|--------------------------|----------------------|
| | | | | | | | | | | |
| 1981-03-25 | | D | 62610 | | 3192.01 | NGVD29 | 1 | Z | 2 | |
| 1981-03-25 | | D | 62611 | | 3193.64 | NAVD88 | 1 | Z | 7 | |
| 1981-03-25 | | D | 72019 | 204.36 | | | 1 | Z | 7 | |

| F | 12 | ola | n | а | ti | n | n |
|---|----|-----|---|---|----|---|---|

| Water-level date-time accuracyDDate is accurate to the DayParameter code62610Groundwater level above NGVD 1929, feetParameter code62611Groundwater level above NAVD 1988, feetParameter code72019Depth to water level, feet below land surfaceReferenced vertical datumNAVD88North American Vertical Datum of 1988 | Section | Code | Description |
|--|--------------------------------|--------|---|
| Parameter code 62611 Groundwater level above NAVD 1988, feet Parameter code 72019 Depth to water level, feet below land surface | Water-level date-time accuracy | D | Date is accurate to the Day |
| Parameter code 72019 Depth to water level, feet below land surface | Parameter code | 62610 | Groundwater level above NGVD 1929, feet |
| *** *** *** *** *** *** *** *** *** ** | Parameter code | 62611 | Groundwater level above NAVD 1988, feet |
| Referenced vertical datum NAVD88 North American Vertical Datum of 1988 | Parameter code | 72019 | Depth to water level, feet below land surface |
| | Referenced vertical datum | NAVD88 | North American Vertical Datum of 1988 |



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

Page Contact Information: New Mexico Water Data Maintainer Page Last Modified: 2022-11-02 10:45:02 EDT

0.28 0.24 nadww02





USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

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

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- Effective October 24, 2022 hyperlinks to legacy Current Condition pages will automatically redirect users to the corresponding Monitoring Location page. Please see the Water Data For The Nation Blog for full details, including how to navigate back to the legacy Current Condition page, if desired.
- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News 🔊

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs

site_no list =

• 320615103352601

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320615103352601 25S.33E.20.443331

Lea County, New Mexico

Latitude 32°06'15", Longitude 103°35'26" NAD27

Land-surface elevation 3,404 feet above NAVD88

This well is completed in the Other aguifers (N9999OTHER) national aguifer.

This well is completed in the Ogallala Formation (1210GLL) 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 measu |
|------------|------|------------------------------------|------------------------|---|---|---------------------------------|-------------|-------------------------------|--------------------------|----------------------|
| | | | | | | | | | | |
| 1970-12-08 | | D | 62610 | | 3189.60 | NGVD29 | 1 | Z | | |
| 1970-12-08 | | D | 62611 | | 3191.23 | NAVD88 | 1 | Z | | |
| 1970-12-08 | | D | 72019 | 212.77 | | | 1 | Z | | |
| 1976-01-08 | | D | 62610 | | 3189.40 | NGVD29 | 1 | Z | | |
| 1976-01-08 | | D | 62611 | | 3191.03 | NAVD88 | 1 | Z | | |
| 1976-01-08 | | D | 72019 | 212.97 | | | 1 | Z | | |

| - | | |
|----|------|-------|
| ŁΧ | plan | ation |

| Section | Code | Description |
|--------------------------------|-------|---|
| Water-level date-time accuracy | D | Date is accurate to the Day |
| Parameter code | 62610 | Groundwater level above NGVD 1929, feet |

| Section | Code | Description |
|-----------------------------|--------|---|
| Parameter code | 62611 | Groundwater level above NAVD 1988, feet |
| Parameter code | 72019 | Depth to water level, feet below land surface |
| Referenced vertical datum | NAVD88 | North American Vertical Datum of 1988 |
| Referenced vertical datum | NGVD29 | National Geodetic Vertical Datum of 1929 |
| Status | 1 | Static |
| Method of measurement | Z | Other. |
| Measuring agency | | Not determined |
| Source of measurement | | Not determined |
| Water-level approval status | Α | Approved for publication Processing and review completed. |

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U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for New Mexico: Water Levels

URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2022-11-02 10:43:34 EDT

0.27 0.24 nadww02





New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number**

C 02373 CLW317846

SUBMER

6.63

Q64 Q16 Q4 Sec Tws Rng 13 25S 33E

X

638518 3556544*

Driller License: 421 **Driller Company:**

GLENN'S WATER WELL SERVICE

Driller Name:

Drill Start Date: 09/08/1993

Drill Finish Date:

09/08/1993

Plug Date:

Shallow

Log File Date:

PCW Rcv Date:

Depth Well:

02/09/1996

Source: **Estimated Yield:**

60 GPM

Pump Type: Casing Size: Pipe Discharge Size:

625 feet

Depth Water:

185 feet

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11/2/22 8:34 AM

POINT OF DIVERSION SUMMARY

^{*}UTM location was derived from PLSS - see Help



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number**

Q64 Q16 Q4 Sec Tws Rng

13 25S 33E 638721 3556549*

Driller License: 421 **Driller Company:**

GLENN'S WATER WELL SERVICE

Driller Name:

Drill Start Date: 09/08/1993

C 02373 S

Drill Finish Date:

09/08/1993

Plug Date:

Shallow

Log File Date:

PCW Rcv Date:

02/09/1996

Source:

Estimated Yield: 60 GPM

Pump Type: **Casing Size:** **SUBMER** Pipe Discharge Size: 6.63 Depth Well:

625 feet

Depth Water:

185 feet

Meter Number:

581

Meter Make:

WATERSPECIAL

Meter Serial Number:

9549683

Meter Multiplier:

100.0000

Number of Dials:

Meter Type:

Diversion

Unit of Measure:

Gallons

Return Flow Percent:

Usage Multiplier: Reading Frequency:

Meter Readings (in Acre-Feet)

| Read Date | Year | Mtr Reading | Flag | Rdr Comment | Mtr Amount Online |
|------------|------|-------------|------|-------------|-------------------|
| 03/31/1999 | 1999 | 2206 | A | ms | 0 |
| 06/30/1999 | 1999 | 2350 | A | ms | 0.186 |
| 09/30/1999 | 1999 | 4567 | A | ms | 2.858 |
| 01/06/2000 | 1999 | 6110 | A | ms | 1.989 |
| 05/01/2000 | 2000 | 9350 | A | mb | 0 |
| 06/30/2000 | 2000 | 10252 | A | mb | 0.277 |
| 10/13/2000 | 2000 | 16915 | A | RPT | 2.045 |
| 01/17/2001 | 2000 | 33917 | A | RPT | 5.218 |
| 05/17/2001 | 2001 | 39208 | A | RPT | 1.624 |
| 06/30/2001 | 2001 | 39212 | A | RPT | 0.001 |
| 09/30/2001 | 2001 | 48868 | A | RPT | 2.963 |
| 01/03/2002 | 2002 | 56680 | A | RPT | 2.397 |
| 06/30/2002 | 2002 | 70870 | A | RPT | 4.355 |
| 12/31/2002 | 2002 | 112683 | A | RPT | 12.832 |
| 03/31/2003 | 2003 | 134871 | A | RPT | 6.809 |
| 06/30/2003 | 2003 | 135029 | A | RPT | 0.048 |
| 09/30/2003 | 2003 | 139662 | A | ab | 1.422 |
| 12/31/2003 | 2003 | 145345 | A | ab | 1.744 |
| 04/05/2004 | 2004 | 162284 | A | RPT | 5.198 |
| 10/07/2004 | 2004 | 172774 | A | tw | 3.219 |
| 01/01/2005 | 2004 | 180237 | A | RPT | 2.290 |
| 04/01/2005 | 2005 | 183300 | A | RPT | 0.940 |
| 07/01/2005 | 2005 | 183613 | A | RPT | 0.096 |
| 10/10/2005 | 2005 | 185173 | A | RPT | 0.479 |
| 01/01/2006 | 2005 | 185386 | A | RPT | 0.065 |

| mmwrfs.ose.'s | tate:hm.us/nn | nwrrs/Repor | tDisp | atcher?typ | e=PODGH1ML&name=PodGroundSummaryH1ML.jrxml&t |
|---------------|---------------|-------------|-------|------------|--|
| 03/31/2006 | 2006 | 186880 | A | RPT | |
| 06/30/2006 | 2006 | 196667 | A | tw | 3.004 |
| 12/31/2006 | 2006 | 205842 | A | tw | 2.816 |
| 04/03/2007 | 2007 | 211071 | A | RPT | 1.605 |
| 07/01/2007 | 2007 | 211071 | A | RPT | 0 |
| 10/01/2007 | 2007 | 211071 | A | RPT | 0 |
| 12/03/2007 | 2007 | 211071 | A | RPT | 0 |
| 03/30/2008 | 2008 | 211071 | A | RPT | 0 |
| 06/30/2008 | 2008 | 211071 | A | RPT | 0 |
| 09/30/2008 | 2008 | 211071 | A | RPT | 0 |
| 12/30/2008 | 2008 | 211071 | A | RPT | 0 |
| 03/31/2010 | 2010 | 109594 | R | RPT | Meter Rollover 275.747 |
| 06/30/2010 | 2010 | 156195 | A | tw | 14.301 |
| 09/30/2010 | 2010 | 199335 | A | RPT | 13.239 |
| 12/31/2010 | 2010 | 231813 | A | RPT | 9.967 |
| 04/01/2011 | 2011 | 263630 | A | RPT | 9.764 |
| **YTD Mete | r Amounts: | Year | | Amount | |
| | | 1999 | | 5.033 | |
| | | 2000 | | 7.540 | |
| | | 2001 | | 4.588 | |
| | | 2002 | | 19.584 | |
| | | 2003 | | 10.023 | |
| | | 2004 | | 10.707 | |
| | | 2005 | | 1.580 | |
| | | 2006 | | 6.278 | |
| | | 2007 | | 1.605 | |
| | | 2008 | | 0 | |
| | | 2010 | | 313.254 | |
| | | 2011 | | 9.764 | |
| | | | | | |

^{*}UTM location was derived from PLSS - see Help

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11/2/22 8:40 AM

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USGS Water Resources



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- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News 🔊

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs

site_no list =

320956103353801

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320956103353801 25S.33E.05.12122

Lea County, New Mexico

Latitude 32°09'59.4", Longitude 103°35'47.2" NAD83

Land-surface elevation 3,473.00 feet above NGVD29

This well is completed in the Other aguifers (N99990THER) national aguifer.

This well is completed in the Santa Rosa Sandstone (231SNRS) 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 measu |
|------------|-----------|------------------------------------|------------------------|---|---|---------------------------------|-------------|-------------------------------|--------------------------|----------------------|
| | | | | | | | | | | |
| 1981-03-25 | | D | 62610 | | 3365.17 | NGVD29 | 1 | Z | | |
| 1981-03-25 | | D | 62611 | | 3366.84 | NAVD88 | 1 | Z | | |
| 1981-03-25 | | D | 72019 | 107.83 | | | 1 | Z | | |
| 1986-03-12 | | D | 62610 | | 3363.66 | NGVD29 | 1 | Z | | |
| 1986-03-12 | | D | 62611 | | 3365.33 | NAVD88 | 1 | Z | | |
| 1986-03-12 | | D | 72019 | 109.34 | | | 1 | Z | | |
| 1991-06-06 | | D | 62610 | | 3365.42 | NGVD29 | 1 | Z | | |
| 1991-06-06 | | D | 62611 | | 3367.09 | NAVD88 | 1 | Z | | |
| 1991-06-06 | | D | 72019 | 107.58 | | | 1 | Z | | |
| 1996-03-07 | | D | 62610 | | 3364.11 | NGVD29 | Р | S | | |
| 1996-03-07 | | D | 62611 | | 3365.78 | NAVD88 | Р | S | | |
| 1996-03-07 | | D | 72019 | 108.89 | | | Р | S | | |
| 2013-01-17 | 16:00 UTC | m | 62610 | | 3354.19 | NGVD29 | Р | S | USGS | |

| 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 measu |
|------------|-----------|------------------------------------|------------------------|---|---|---------------------------------|-------------|-------------------------------|--------------------------|----------------------|
| | | | | | | | | | | |
| 2013-01-17 | 16:00 UTC | m | 62611 | | 3355.86 | NAVD88 | Р | S | USGS | |
| 2013-01-17 | 16:00 UTC | m | 72019 | 118.81 | | | Р | S | USGS | |

Explanation

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

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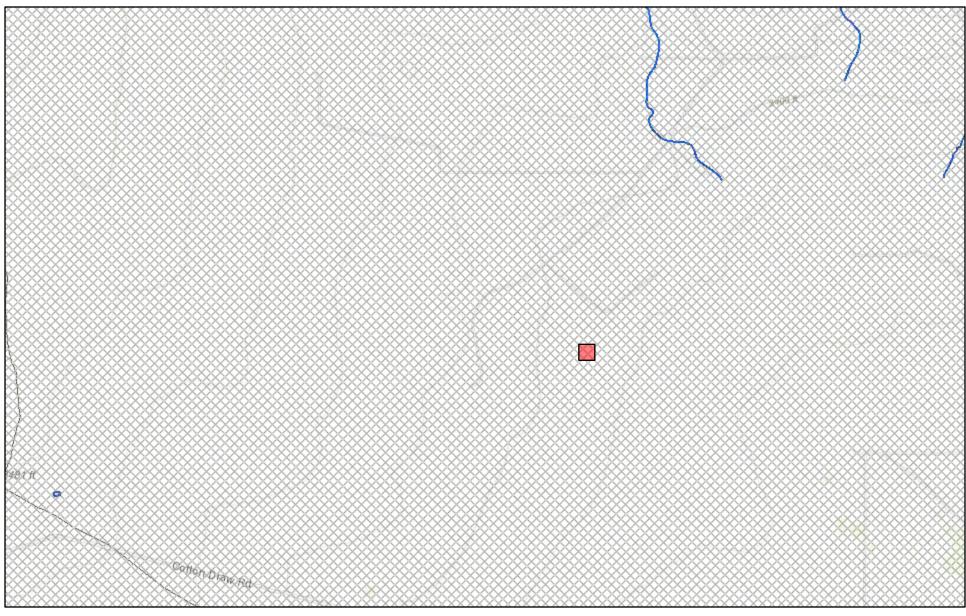
U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for New Mexico: Water Levels
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2022-11-02 10:45:59 EDT

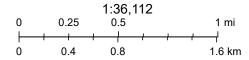
0.28 0.24 nadww01



New Mexico NFHL Data



November 2, 2022



FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

APPENDIX E

CARMONA RESOURCES



November 07, 2022

CONNER MOEHRING
CARMONA RESOURCES
310 W WALL ST SUITE 415
MIDLAND, TX 79701

RE: GREEN DRAKE 402

Enclosed are the results of analyses for samples received by the laboratory on 11/03/22 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 1 (0-1') (H225211-01)

| BTEX 8021B | mg, | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.95 | 97.5 | 2.00 | 6.40 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.09 | 104 | 2.00 | 6.46 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.05 | 102 | 2.00 | 7.99 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 6.23 | 104 | 6.00 | 9.12 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 85.6 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | 'kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 34400 | 16.0 | 11/07/2022 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2022 | ND | 182 | 90.9 | 200 | 7.20 | |
| DRO >C10-C28* | 133 | 10.0 | 11/06/2022 | ND | 170 | 84.8 | 200 | 6.98 | |
| EXT DRO >C28-C36 | 45.2 | 10.0 | 11/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 89.2 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 126 | % 46.3-17 | 8 | | | | | | |

A I J D. ... 711

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 1 (1.5') (H225211-02)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | а ву: ЈН | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.95 | 97.5 | 2.00 | 6.40 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.09 | 104 | 2.00 | 6.46 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.05 | 102 | 2.00 | 7.99 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 6.23 | 104 | 6.00 | 9.12 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 85.8 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3360 | 16.0 | 11/07/2022 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2022 | ND | 182 | 90.9 | 200 | 7.20 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/06/2022 | ND | 170 | 84.8 | 200 | 6.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 79.4 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 89.4 | % 46.3-17 | 78 | | | | | | |
| | | | | | | | | | |

Applyzod By: 14

Cardinal Laboratories *=Accredited Analyte

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Celeg & Freene



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

mg/kg

Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 1 (2') (H225211-03)

BTEX 8021B

| DILX GOZID | ıııg, | , kg | Andryzo | u by. 511 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.95 | 97.5 | 2.00 | 6.40 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.09 | 104 | 2.00 | 6.46 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.05 | 102 | 2.00 | 7.99 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 6.23 | 104 | 6.00 | 9.12 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 86.6 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3600 | 16.0 | 11/07/2022 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2022 | ND | 182 | 90.9 | 200 | 7.20 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/06/2022 | ND | 170 | 84.8 | 200 | 6.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.2 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 93.9 | % 46.3-17 | 8 | | | | | | |
| | | | | | | | | | |

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

mg/kg

Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 1 (3') (H225211-04)

BTEX 8021B

| | <u> </u> | | | | | | | | |
|--------------------------------------|----------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.95 | 97.5 | 2.00 | 6.40 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.09 | 104 | 2.00 | 6.46 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.05 | 102 | 2.00 | 7.99 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 6.23 | 104 | 6.00 | 9.12 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 87.7 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3840 | 16.0 | 11/07/2022 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2022 | ND | 182 | 90.9 | 200 | 7.20 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/06/2022 | ND | 170 | 84.8 | 200 | 6.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 89.5 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 98.8 | % 46.3-17 | 8 | | | | | | |
| | | | | | | | | | |

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: **GREEN DRAKE 402**

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: T - 1 (4') (H225211-05)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.95 | 97.5 | 2.00 | 6.40 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.09 | 104 | 2.00 | 6.46 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.05 | 102 | 2.00 | 7.99 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 6.23 | 104 | 6.00 | 9.12 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 85.3 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 4160 | 16.0 | 11/07/2022 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2022 | ND | 182 | 90.9 | 200 | 7.20 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/06/2022 | ND | 170 | 84.8 | 200 | 6.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 89.2 9 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 100 % | 6 46.3-17 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

ma/ka

Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 1 (5') (H225211-06)

RTFY 8021R

| B1EX 8021B | mg | /кд | Anaiyze | а ву: ЈН | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.95 | 97.5 | 2.00 | 6.40 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.09 | 104 | 2.00 | 6.46 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.05 | 102 | 2.00 | 7.99 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 6.23 | 104 | 6.00 | 9.12 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 86.6 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 5600 | 16.0 | 11/07/2022 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2022 | ND | 182 | 90.9 | 200 | 7.20 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/06/2022 | ND | 170 | 84.8 | 200 | 6.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.3 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.2 | % 46.3-17 | 8 | | | | | | |
| | | | | | | | | | |

Applyzod By: 14

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 1 (6') (H225211-07)

| BTEX 8021B | mg | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.95 | 97.5 | 2.00 | 6.40 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.09 | 104 | 2.00 | 6.46 | |
| Ethylbenzene* | < 0.050 | 0.050 | 11/04/2022 | ND | 2.05 | 102 | 2.00 | 7.99 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 6.23 | 104 | 6.00 | 9.12 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 87.7 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1760 | 16.0 | 11/07/2022 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2022 | ND | 182 | 90.9 | 200 | 7.20 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/06/2022 | ND | 170 | 84.8 | 200 | 6.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 84.5 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 92.8 | % 46.3-17 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

mg/kg

Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 1 (7') (H225211-08)

BTEX 8021B

| | 9, | 9 | 7 | 7: 5:: | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.95 | 97.5 | 2.00 | 6.40 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.09 | 104 | 2.00 | 6.46 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.05 | 102 | 2.00 | 7.99 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 6.23 | 104 | 6.00 | 9.12 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 85.5 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 11/07/2022 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2022 | ND | 182 | 90.9 | 200 | 7.20 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/06/2022 | ND | 170 | 84.8 | 200 | 6.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 76.4 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 83.5 | % 46.3-17 | 8 | | | | | | |
| | | | | | | | | | |

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 2 (0-1') (H225211-09)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.95 | 97.5 | 2.00 | 6.40 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.09 | 104 | 2.00 | 6.46 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.05 | 102 | 2.00 | 7.99 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 6.23 | 104 | 6.00 | 9.12 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 87.1 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | ed By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 52800 | 16.0 | 11/07/2022 | ND | 416 | 104 | 400 | 0.00 | QM-07 |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2022 | ND | 182 | 90.9 | 200 | 7.20 | |
| DRO >C10-C28* | 50.6 | 10.0 | 11/06/2022 | ND | 170 | 84.8 | 200 | 6.98 | |
| EXT DRO >C28-C36 | 12.8 | 10.0 | 11/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 80.3 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.4 | % 46.3-17 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

mg/kg

Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 2 (1.5') (H225211-10)

BTEX 8021B

| DILX GOZID | ıııg, | , kg | Andryzo | u by. 511 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.95 | 97.5 | 2.00 | 6.40 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.09 | 104 | 2.00 | 6.46 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.05 | 102 | 2.00 | 7.99 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 6.23 | 104 | 6.00 | 9.12 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 87.6 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2270 | 16.0 | 11/07/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2022 | ND | 182 | 90.9 | 200 | 7.20 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/06/2022 | ND | 170 | 84.8 | 200 | 6.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 80.7 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 88.7 | % 46.3-17 | 8 | | | | | | |
| | | | | | | | | | |

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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Celey D. Kreine



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

mg/kg

Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 2 (2') (H225211-11)

BTEX 8021B

| | <u> </u> | | | . , | | | | | |
|--------------------------------------|----------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.95 | 97.5 | 2.00 | 6.40 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.09 | 104 | 2.00 | 6.46 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.05 | 102 | 2.00 | 7.99 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 6.23 | 104 | 6.00 | 9.12 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 84.2 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2720 | 16.0 | 11/07/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2022 | ND | 182 | 90.9 | 200 | 7.20 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/06/2022 | ND | 170 | 84.8 | 200 | 6.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.1 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.5 | % 46.3-17 | 8 | | | | | | |
| | | | | | | | | | |

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

mg/kg

Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 2 (3') (H225211-12)

BTEX 8021B

| DILX GOZID | ıııg, | , kg | Andryzo | u by. 511 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.95 | 97.5 | 2.00 | 6.40 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.09 | 104 | 2.00 | 6.46 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.05 | 102 | 2.00 | 7.99 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 6.23 | 104 | 6.00 | 9.12 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 84.9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 4720 | 16.0 | 11/07/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2022 | ND | 182 | 90.9 | 200 | 7.20 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/06/2022 | ND | 170 | 84.8 | 200 | 6.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.8 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 92.8 | % 46.3-17 | 8 | | | | | | |
| | | | | | | | | | |

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

ma/ka

Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 2 (4') (H225211-13)

RTFY 8021R

| Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD | B1EX 8021B | mg, | /кд | Anaiyze | а ву: ЈН | | | | | |
|---|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Toluene* < 0.050 | Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Ethylbenzene* <0.050 0.050 11/04/2022 ND 2.05 102 2.00 7.99 Total Xylenes* <0.150 0.150 11/04/2022 ND 6.23 104 6.00 9.12 Total BTEX <0.300 0.300 11/04/2022 ND Surrogate: 4-Bromofluorobenzene (PID 88.2 % 69.9-140 Chloride, SM4500Cl-B mg/ky Analyzed By: GM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 6160 16.0 11/07/2022 ND 416 104 400 0.00 TH 8015M mg/ky Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 11/06/2022 ND 182 90.9 200 7.20 DRO >C10-C28* <10.0 10.0 11/06/2022 ND 170 84.8 200 6.98 EXT DRO >C28-C36 <10.0 10.0 11/06/2022 ND Surrogate: 1-Chlorooctane 88.8 % 45.3-161 | Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.95 | 97.5 | 2.00 | 6.40 | |
| Total Xylenes* < 0.150 0.150 11/04/2022 ND 6.23 104 6.00 9.12 Total BTEX < 0.300 | Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.09 | 104 | 2.00 | 6.46 | |
| Total BTEX <0.300 0.300 11/04/2022 ND Surrogate: 4-Bromofluorobenzene (PID 88.2 % 69.9-140 Chloride, SM4500Cl-B mg/ky Analyzed By: GM Analyte Result Reporting Limit Analyzed By: GM Chloride 6160 16.0 11/07/2022 ND 416 104 400 0.00 TPH 8015M mg/ky Analyzed By: MS Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 | Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.05 | 102 | 2.00 | 7.99 | |
| Surrogate: 4-Bromofluorobenzene (PID 88.2 % 69.9-140 Chloride, SM4500Cl-B mg/kg Analyzed By: GM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 6160 16.0 11/07/2022 ND 416 104 400 0.00 TPH 8015M mg/kg Analyzed By: MS Method Blank BS % Recovery True Value QC RPD GRO C6-C10* < 10.0 | Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 6.23 | 104 | 6.00 | 9.12 | |
| Chloride, SM4500Cl-B mg / kg Analyzed By: GM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 6160 16.0 11/07/2022 ND 416 104 400 0.00 TPH 8015M mg / kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 11/06/2022 ND 182 90.9 200 7.20 | Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 6160 16.0 11/07/2022 ND 416 104 400 0.00 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 11/06/2022 ND 182 90.9 200 7.20 DRO >C10-C28* <10.0 10.0 11/06/2022 ND 170 84.8 200 6.98 EXT DRO >C28-C36 <10.0 10.0 11/06/2022 ND Surrogate: 1-Chlorooctane 88.8 % 45.3-161 | Surrogate: 4-Bromofluorobenzene (PID | 88.2 | % 69.9-14 | 0 | | | | | | |
| Chloride 6160 16.0 11/07/2022 ND 416 104 400 0.00 TPH 8015M mg/kg Analyzed By: MS MS Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 | Chloride, SM4500Cl-B | mg, | /kg | Analyze | ed By: GM | | | | | |
| TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 | Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 11/06/2022 ND 182 90.9 200 7.20 DRO >C10-C28* <10.0 10.0 11/06/2022 ND 170 84.8 200 6.98 EXT DRO >C28-C36 <10.0 10.0 11/06/2022 ND Surrogate: 1-Chlorooctane 88.8 % 45.3-161 | Chloride | 6160 | 16.0 | 11/07/2022 | ND | 416 | 104 | 400 | 0.00 | |
| GRO C6-C10* <10.0 10.0 11/06/2022 ND 182 90.9 200 7.20 DRO >C10-C28* <10.0 10.0 11/06/2022 ND 170 84.8 200 6.98 EXT DRO >C28-C36 <10.0 10.0 11/06/2022 ND Surrogate: 1-Chlorooctane 88.8 % 45.3-161 | TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| DRO >C10-C28* < 10.0 10.0 11/06/2022 ND 170 84.8 200 6.98 EXT DRO >C28-C36 <10.0 10.0 11/06/2022 ND Surrogate: 1-Chlorooctane 88.8 % 45.3-161 | Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| EXT DRO >C28-C36 | GRO C6-C10* | <10.0 | 10.0 | 11/06/2022 | ND | 182 | 90.9 | 200 | 7.20 | |
| Surrogate: 1-Chlorooctane 88.8 % 45.3-161 | DRO >C10-C28* | <10.0 | 10.0 | 11/06/2022 | ND | 170 | 84.8 | 200 | 6.98 | |
| | EXT DRO >C28-C36 | <10.0 | 10.0 | 11/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctadecane 101 % 46.3-178 | Surrogate: 1-Chlorooctane | 88.8 | % 45.3-16 | 1 | | | | | | |
| | Surrogate: 1-Chlorooctadecane | 101 | % 46.3-17 | 78 | | | | | | |

Applyzod By: 14

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

mg/kg

Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 2 (5') (H225211-14)

BTEX 8021B

| | 9, | 9 | 7 | 7: 5:: | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.95 | 97.5 | 2.00 | 6.40 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.09 | 104 | 2.00 | 6.46 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.05 | 102 | 2.00 | 7.99 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 6.23 | 104 | 6.00 | 9.12 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 87.1 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | ed By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3560 | 16.0 | 11/07/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2022 | ND | 182 | 90.9 | 200 | 7.20 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/06/2022 | ND | 170 | 84.8 | 200 | 6.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.2 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 98.8 | % 46.3-17 | 8 | | | | | | |
| | | | | | | | | | |

Analyzed By: JH

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: **GREEN DRAKE 402**

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: T - 2 (6') (H225211-15)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.95 | 97.5 | 2.00 | 6.40 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.09 | 104 | 2.00 | 6.46 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.05 | 102 | 2.00 | 7.99 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 6.23 | 104 | 6.00 | 9.12 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 85.6 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg/ | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2440 | 16.0 | 11/07/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2022 | ND | 182 | 90.9 | 200 | 7.20 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/06/2022 | ND | 170 | 84.8 | 200 | 6.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 82.1 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 90.3 | % 46.3-17 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: **GREEN DRAKE 402**

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: T - 2 (7') (H225211-16)

| BTEX 8021B | mg | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.95 | 97.5 | 2.00 | 6.40 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.09 | 104 | 2.00 | 6.46 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.05 | 102 | 2.00 | 7.99 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 6.23 | 104 | 6.00 | 9.12 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 85.6 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1950 | 16.0 | 11/07/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2022 | ND | 182 | 90.9 | 200 | 7.20 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/06/2022 | ND | 170 | 84.8 | 200 | 6.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.9 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.1 | % 46.3-17 | 8 | | | | | | |

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: **GREEN DRAKE 402**

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: T - 2 (8') (H225211-17)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.95 | 97.5 | 2.00 | 6.40 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.09 | 104 | 2.00 | 6.46 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.05 | 102 | 2.00 | 7.99 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 6.23 | 104 | 6.00 | 9.12 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 85.3 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 336 | 16.0 | 11/07/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2022 | ND | 182 | 90.9 | 200 | 7.20 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/06/2022 | ND | 170 | 84.8 | 200 | 6.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 74.6 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.8 | % 46.3-17 | 8 | | | | | | |

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: **GREEN DRAKE 402**

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: T - 3 (0-1') (H225211-18)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.95 | 97.5 | 2.00 | 6.40 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.09 | 104 | 2.00 | 6.46 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.05 | 102 | 2.00 | 7.99 | |
| Total Xylenes* | < 0.150 | 0.150 | 11/04/2022 | ND | 6.23 | 104 | 6.00 | 9.12 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 84.3 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 24800 | 16.0 | 11/07/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | S-04 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2022 | ND | 182 | 90.9 | 200 | 7.20 | |
| DRO >C10-C28* | 560 | 10.0 | 11/06/2022 | ND | 170 | 84.8 | 200 | 6.98 | |
| EXT DRO >C28-C36 | 346 | 10.0 | 11/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 84.1 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 184 9 | 6 46.3-17 | 8 | | | | | | |

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Celey D. Keine



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: **GREEN DRAKE 402**

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: T - 3 (1.5') (H225211-19)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.95 | 97.5 | 2.00 | 6.40 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.09 | 104 | 2.00 | 6.46 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.05 | 102 | 2.00 | 7.99 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 6.23 | 104 | 6.00 | 9.12 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 86.7 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1220 | 16.0 | 11/07/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2022 | ND | 182 | 90.9 | 200 | 7.20 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/06/2022 | ND | 170 | 84.8 | 200 | 6.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 80.1 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 89.1 | % 46.3-17 | 8 | | | | | | |

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Celey D. Keine



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: **GREEN DRAKE 402**

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: T - 3 (2') (H225211-20)

| BTEX 8021B | mg | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.95 | 97.5 | 2.00 | 6.40 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.09 | 104 | 2.00 | 6.46 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 2.05 | 102 | 2.00 | 7.99 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 6.23 | 104 | 6.00 | 9.12 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 84.7 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 11/07/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2022 | ND | 182 | 90.9 | 200 | 7.20 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/06/2022 | ND | 170 | 84.8 | 200 | 6.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 81.8 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 90.2 | % 46.3-17 | 8 | | | | | | |

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: **GREEN DRAKE 402**

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: T - 3 (3') (H225211-21)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.73 | 86.5 | 2.00 | 5.17 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.77 | 88.7 | 2.00 | 7.63 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.78 | 89.1 | 2.00 | 7.29 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 5.46 | 91.0 | 6.00 | 6.60 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.2 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg/kg | | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 11/07/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/04/2022 | ND | 183 | 91.3 | 200 | 4.18 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/04/2022 | ND | 179 | 89.7 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/04/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 84.2 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 91.8 | 26 46.3-17 | 8 | | | | | | |

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Celeg D. Freene



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 3 (4') (H225211-22)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.73 | 86.5 | 2.00 | 5.17 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.77 | 88.7 | 2.00 | 7.63 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.78 | 89.1 | 2.00 | 7.29 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 5.46 | 91.0 | 6.00 | 6.60 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.0 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 11/07/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/04/2022 | ND | 183 | 91.3 | 200 | 4.18 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/04/2022 | ND | 179 | 89.7 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/04/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.1 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 92.5 | % 46.3-17 | 78 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 4 (0-1') (H225211-23)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.73 | 86.5 | 2.00 | 5.17 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.77 | 88.7 | 2.00 | 7.63 | |
| Ethylbenzene* | < 0.050 | 0.050 | 11/04/2022 | ND | 1.78 | 89.1 | 2.00 | 7.29 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 5.46 | 91.0 | 6.00 | 6.60 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.3 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 9120 | 16.0 | 11/07/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/04/2022 | ND | 183 | 91.3 | 200 | 4.18 | |
| DRO >C10-C28* | 342 | 10.0 | 11/04/2022 | ND | 179 | 89.7 | 200 | 1.24 | |
| EXT DRO >C28-C36 | 213 | 10.0 | 11/04/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 71.2 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 121 | % 46.3-17 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: **GREEN DRAKE 402**

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: T - 4 (1.5') (H225211-24)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.73 | 86.5 | 2.00 | 5.17 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.77 | 88.7 | 2.00 | 7.63 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.78 | 89.1 | 2.00 | 7.29 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 5.46 | 91.0 | 6.00 | 6.60 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.3 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1980 | 16.0 | 11/07/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/04/2022 | ND | 183 | 91.3 | 200 | 4.18 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/04/2022 | ND | 179 | 89.7 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/04/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.9 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 9 | 6 46.3-17 | 8 | | | | | | |

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Celey D. Keine



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: **GREEN DRAKE 402**

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: T - 4 (2') (H225211-25)

| BTEX 8021B | mg/kg | | Analyzed By: JH/ | | | | | | |
|--------------------------------------|----------------|-----------------|------------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.73 | 86.5 | 2.00 | 5.17 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.77 | 88.7 | 2.00 | 7.63 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.78 | 89.1 | 2.00 | 7.29 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 5.46 | 91.0 | 6.00 | 6.60 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 95.2 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg/kg | | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3040 | 16.0 | 11/07/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/kg | | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/04/2022 | ND | 183 | 91.3 | 200 | 4.18 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/04/2022 | ND | 179 | 89.7 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/04/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.8 % 45.3-16 | | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 90.9 | % 46.3-17 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 4 (3') (H225211-26)

| BTEX 8021B | mg/kg | | Analyzed By: JH/ | | | | | | |
|--------------------------------------|--------|-----------------|------------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.73 | 86.5 | 2.00 | 5.17 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.77 | 88.7 | 2.00 | 7.63 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.78 | 89.1 | 2.00 | 7.29 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 5.46 | 91.0 | 6.00 | 6.60 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.5 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 4840 | 16.0 | 11/07/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/kg | | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/04/2022 | ND | 183 | 91.3 | 200 | 4.18 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/04/2022 | ND | 179 | 89.7 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/04/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.5 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.6 | % 46.3-17 | 78 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: **GREEN DRAKE 402**

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: T - 4 (4') (H225211-27)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.73 | 86.5 | 2.00 | 5.17 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.77 | 88.7 | 2.00 | 7.63 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.78 | 89.1 | 2.00 | 7.29 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 5.46 | 91.0 | 6.00 | 6.60 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 95.9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1200 | 16.0 | 11/07/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/04/2022 | ND | 183 | 91.3 | 200 | 4.18 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/04/2022 | ND | 179 | 89.7 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/04/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 82.2 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 90.2 | % 46.3-17 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 4 (5') (H225211-28)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.73 | 86.5 | 2.00 | 5.17 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.77 | 88.7 | 2.00 | 7.63 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.78 | 89.1 | 2.00 | 7.29 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 5.46 | 91.0 | 6.00 | 6.60 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 96.5 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 480 | 16.0 | 11/07/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/04/2022 | ND | 183 | 91.3 | 200 | 4.18 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/04/2022 | ND | 179 | 89.7 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/04/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 88.0 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.2 | % 46.3-17 | 78 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

ma/ka

Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: T - 4 (6') (H225211-29)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | a By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.73 | 86.5 | 2.00 | 5.17 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.77 | 88.7 | 2.00 | 7.63 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.78 | 89.1 | 2.00 | 7.29 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 5.46 | 91.0 | 6.00 | 6.60 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 96.1 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 11/07/2022 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/04/2022 | ND | 183 | 91.3 | 200 | 4.18 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/04/2022 | ND | 179 | 89.7 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/04/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 84.2 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 93.3 | % 46.3-17 | 8 | | | | | | |
| | | | | | | | | | |

Analyzed By: 1H /

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H - 1 (0-0.5') (H225211-30)

BTEX 8021B

| DILX GOZID | 11197 | K9 | Allulyzo | a by. 511/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.73 | 86.5 | 2.00 | 5.17 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.77 | 88.7 | 2.00 | 7.63 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.78 | 89.1 | 2.00 | 7.29 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 5.46 | 91.0 | 6.00 | 6.60 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 92.7 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | 'kg | Analyze | ed By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 11/07/2022 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg, | 'kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/04/2022 | ND | 183 | 91.3 | 200 | 4.18 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/04/2022 | ND | 179 | 89.7 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/04/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.0 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 98.8 | % 46.3-17 | 8 | | | | | | |
| | | | | | | | | | |

Analyzed By: JH/

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H - 2 (0-0.5') (H225211-31)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | ea By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.73 | 86.5 | 2.00 | 5.17 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.77 | 88.7 | 2.00 | 7.63 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.78 | 89.1 | 2.00 | 7.29 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 5.46 | 91.0 | 6.00 | 6.60 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.3 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 11/07/2022 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/04/2022 | ND | 183 | 91.3 | 200 | 4.18 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/04/2022 | ND | 179 | 89.7 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/04/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 92.1 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 | % 46.3-17 | 78 | | | | | | |
| | | | | | | | | | |

Analyzed By: 1H /

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H - 3 (0-0.5') (H225211-32)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.73 | 86.5 | 2.00 | 5.17 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.77 | 88.7 | 2.00 | 7.63 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.78 | 89.1 | 2.00 | 7.29 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 5.46 | 91.0 | 6.00 | 6.60 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.0 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 11/07/2022 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/05/2022 | ND | 183 | 91.3 | 200 | 4.18 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/05/2022 | ND | 179 | 89.7 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/05/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 93.8 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 | % 46.3-17 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 11/03/2022 Reported: 11/07/2022

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 11/03/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: H - 4 (0-0.5') (H225211-33)

BTEX 8021B

| DILX GOZID | ıııg, | , kg | Andryzo | a by. 5117 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.73 | 86.5 | 2.00 | 5.17 | |
| Toluene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.77 | 88.7 | 2.00 | 7.63 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/04/2022 | ND | 1.78 | 89.1 | 2.00 | 7.29 | |
| Total Xylenes* | <0.150 | 0.150 | 11/04/2022 | ND | 5.46 | 91.0 | 6.00 | 6.60 | |
| Total BTEX | <0.300 | 0.300 | 11/04/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 95.3 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 11/07/2022 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/05/2022 | ND | 183 | 91.3 | 200 | 4.18 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/05/2022 | ND | 179 | 89.7 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/05/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 88.2 | % 45.3-16 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 98.5 | % 46.3-17 | 8 | | | | | | |
| | | | | | | | | | |

Analyzed By: JH/

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

ecovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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| | The House | MANAGE OF | 188 | 216 | 11-32 | | | | | 0 | |
|---|--------------------------|------------------|-------------------|---------------|--------------|---------------------------------|---------------|--|------------------------------|-----------------------|-----------------------|
| Date/Time | Received by, (Signature) | Rece | | Date/Time | Da | | | (Signature) | Relinquished by: (Signature) | Rel | Som |
| | | naresources.com | ng@carmo | moehri | hring / C | nd Conner Mod | sources.com a | Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonar | | o Mike Carmona | comments: cmail to |
| | | | × | × | _ | Grab/ | × | | .∥I <u>~</u> | | |
| | | | × | × | 1 | Grab/ | × | | 11/3/2022 | | T-3 (0-1") |
| | | | + | × | _ | Grab/ | × | | 11/3/2022 | | T-2 (8') |
| | | | - | × | _ | Grab/ | × | | 11/3/2022 | | T-2 (7") |
| | | | - | × | - | Grab/ | × | | 11/3/2022 | | T-2 (6') |
| | | | | × | 1 | Grab/ | × | | 11/3/2022 | | T-2 (5') |
| | | | × | × | 1 | Grab/ | × | | 11/3/2022 | | T-2 (4') |
| | | | × | × | 1 | Grab/ | × | | 11/3/2022 | | T-2 (3') |
| | | | × | × | 1 | Grab/ | × | | 11/3/2022 | 3 | T-2 (2") |
| Sample Comments | | | | TPH | # of Cont | Water Comp | Soil | Time | Date | ification | Sample Identification |
| NaOH+Ascorbic Acid: SAPC | | | | 801 | | 2.76 | ature: | Corrected Temperature: | (| | Total Containers: |
| Zn Acetate+NaOH: Zn | | | _ | _ | | 2000 | ding: | Temperature Reading: | No WAY | Yes | Sample Custody Seals: |
| Na ₂ S ₂ O ₃ : NaSO ₃ | | | | _ | P | 1060 | | Correction Factor. | NA | Yes | Cooler custody seals. |
| NaHSO.: NABIS | | | de 4 | 802 | arar | 113 | | Thermometer ID: | No | | Received Intact: |
| U | | | | DRO | mete | (Yes) No | Wet Ice: | Yes (NO) | R | | SAMPLE RECEIPT |
| | | | | 0+1 | ers | | | | | | 3 |
| | | | | /RO | | | | | CKM | | DO# |
| | | | , |)) | | 72 Hrs | Due Date: | | Lea County, NM | Le | Project Location |
| None: NO DI Water: H | | | | | Code | Rush | Koutine | | 11/0 | | r oject raines. |
| Preservative Codes | QUEST | ANALYSIS REQUEST | | - | Pres | Turn Around | Turn | 22 | GIEGII DIAKE 402 | G | Project Number |
| ADAPT L. Other: | Deliverables: EDD | | | es.com | Jinosaibo | Criminal Toda Prens@eodices.com | Lindin. | 5 | Park II | | Namo |
| г | | | | | 2000 | Todd Wells@ar | Email: | | | 432-813-6823 | Phone: |
| ST/IST BBB DISSIN | Reporting: Level III | | Midland Tx 79706 | Midland | | City, State ZIP: | | | 01 | Midland, TX 79701 | City, State ZIP: |
| | | | 5509 Champions Dr | 5509 Cha | | Address: | | | te 415 | 310 W Wall St Ste 415 | Address: |
| ñ | Program: UST/PST PRP | | sources | EOG Resources | | Company Name: | | | irces | Carmona Resources | Company Name: |
| 9 | Work | | IIIs | Todd Wells | | Bill to: (if different) | | | 9 | Conner Moehring | F |
| Page 2 of | | | | | | | | | | | 4. |
| ler No: #225211 | Work Order No: | | | | | | | | | | Tuge o |
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|-----------------|------------------------------|---|-----------|-----------|-----------|------------|------------|-----------|-----------|-----------|-----------------------|--------------------------|---------------------|---|-----------------------|------------------|-------------------------------------|---|-----------------|------------------|----------------------------|--------------------|---------------------------------|------------------------------|-----------------------|-------------------|-------------------------|------|
| the contract of | | Comments: Emai | T-4 (4') | T-4 (3') | 1-4 (2') | T-4 (1.5') | T-4 (0-1") | T-3 (4") | T-3 (3') | T-3 (2') | Sample Identification | Town Comments | ontainers. | Sample Custody Seals: | Cooler Custody Seals: | Received Intact: | SAMPLE RECEIPT | | Sampler's Name: | Project Location | Project Number: | Project Name: | 136 | City, State ZIP: | SS: | Company Name: | Project Manager: | |
| your | | Email to Mike Carmona | (4') | 3') | (2') | 1.5") |)-1") | (4") | (3') | (2') | ntification | | - | | | | IPT | | | | | | 432-813-6823 | Midland, TX 79701 | 310 W Wa | Carmona Resources | Conner Moehring | |
| J. | Relinquish | _ | 11/3/2022 | 11/3/2022 | 11/3/2022 | 11/3/2022 | 11/3/2022 | 11/3/2022 | 11/3/2022 | 11/3/2022 | Date | | 1 | N S | Yes No NIA | Yes No | Temp Blank: | | CRM | Lea County, NM | 1170 | Green Drake 402 | 823 | X 79701 | 310 W Wall St Ste 415 | Resources | pehring | |
| 1 | Relinquished by: (Signature) | armona@c | 022 | 022 | 022 | 022 | 022 | 022 | 022 | 022 | | College | 1 | | | Therm | Y | | 4 | ty, NM | 0 | ake 402 | | | | | | |
| | nature) | armonares | | | | | | | | | Time | Contected Temperature | ated Temper | Temperature Reading: | Correction Factor | Thermometer ID: | Yes MO | | | | | | | | | | | |
| | | ources.con | × | × | × | × | × | × | × | × | Soil | aidie. | ature. | ing. | | | Wet Ice: | | | Due Date: | Routine | Tur | Email: | | | | | |
| | | Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmona | | - | - | | - | | | | Water | 11 | 12 | N C | 10% | 1/3 | Xes No | | | 72 Hrs | Rust. | Turn Around | ii: Todd Wells@eogresources.com | City, State ZIP | Address: | Company Name | Bill to: (if different) | |
| | | ner Moe | Grab/ | Grab/ | Grab/ | Grab/ | Grab/ | Grab/ | Grab/ | Grab/ | Grab/ Comp | 1 | 00 | 30 | ,, | | No | | | S | | | lls@eoo | ZIP: | | Name: | ferent) | |
| 1-3-22 | 0 | bring / | _ | 1 | | _ | - | 1 | _ | 1 | # of Cont | | | | Pa | ran | nete | rs | | | Code | | resour | | | | | |
| 12 | Date/Time | Cmoel | × | × | × | × | × | × | × | × | | _ | | вте | _ | _ | _ | | | | | | ces.con | Midland | 5509 C | EOG R | Todd Wells | |
| 199 | ne | nring@ | × | × | × | × | × | × | × | × | TP | H 80 | _ | | | _ | DRO | + N | IRO | | _ | | in the | Midland, Tx 79706 | 5509 Champions Dr | EOG Resources | /ells | |
| 1 | | carmona | × | × | × | × | × | × | × | × | | _ | - | Chlo | orid | e 45 | 500 | _ | _ | | | | | 706 | ns Dr | S | | |
| Hole | 1 | resources.com | | | | | | | | | | | | | | | | | | | | ANA | | | | | | |
| 100 | R | com | | | | | | | | | | | | | | | | | | | | LYSIS R | | | | | | |
| Helle | Received by (Signature) | | | | | | | | | | | | | | _ | | | | | | | ANALYSIS REQUEST | Delive | Repor | State | Progra | | |
| K | ?(Signatu | | | | | - | | | | | | | | _ | | | _ | _ | _ | | | | Deliverables: EDD | Reporting:Level II Level III | State of Project: | Program: UST/PST | | |
| X | re) | | | | | | | | | | | | | | | | | | | | | | | Level | | | Wor | |
| | 0 | | Н | | 1 | + | | | | | _ | _ | _ | _ | _ | _ | _ | _ | | | | | ADar | | | Irov | k Order | |
| | | | | | | | | | | | Sam | NaOH+As | Zn Acetat | Na ₂ S ₂ O ₃ : NaSO ₃ | 1000 | NaHSO - NARIS | H ₃ PO ₄ : HP | H ₂ S0 ₄ : H ₂ | HCL: HC | Cool: Cool | None: NO | Pres | ADaPT 🗆 (| □ST/UST □ | | rownfields | Work Order Comments | Page |
| | Date | | | | | | | | | | Sample Comments | NaOH+Ascorbic Acid: SAPC | Zn Acetate+NaOH: Zn | NaSO ₃ | 1000 | NARIS | | | | | | Preservative Codes | Other: | RRP | | c [| S | ω |
| | Date/Time | | | | | | | | | | ments | SAPC | 'n | | | | | NaOH: Na | HNO3: HN | MeOH: Me | DI Water: H ₂ O | Codes | | Level IV | | perfund | ſ | of |

| Date/Time | Received by (Signature) | Recei | 188 | Date/Time | 11-32 | | | (Signature) | Kelinquisned by: (Signature) | your | Come | VUD: 0///2 |
|---|--------------------------------------|-------------------|------------------------------|---------------|--------------|-----------------------------|----------------|------------------------|------------------------------|-----------------------|---|---------------|
| | | nonaresources.com | Moehring / Cmoehring@carmona | Cmoehr | ehring / | Conner | sources.com an | na@carmonare | na / Mcarmor | o Mike Carmo | Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and | 023 9:01:44 A |
| | | | | \vdash | | | | | | | | W |
| | | 22/11/10 | 1 | 7 | | | | | 11/3/2022 | 5) | H-4 (0-0.5) | -0 |
| | | 3 | 1 | 7 | | | | | 11/3/2022 | 5') | H-3 (0-0.5") | 20 |
| | | | × | × | 1 | Grab/ | × | | 11/3/2022 | 5') | H-2 (0-0.5') | 1- |
| | | | × | × | 1 | Grab/ | × | | 11/3/2022 | 5') | H-1 (0-0.5") | 0 |
| | | | | × | 1 | Grab/ | × | | 11/3/2022 | | T-4 (6') | 1 |
| | | | × | × | 1 | Grab/ | × | | 11/3/2022 | | T-4 (5') | 00 |
| Sample Comments | | | 11-1 | TPI | # of Cont | Water Comp | Soil | Time | Date | fication | Sample Identification | |
| NaOH+Ascorbic Acid: SAPC | | | 1001 | H 801 | | 2.70 | rature: | Corrected Temperature: | | | Total Containers: | |
| Zn Acetate+NaOH: Zn | | | _ | | | 33.00 | ding: | Temperature Reading: | No NA | Yes | Sample Custody Seals: | |
| Na ₂ S ₂ O ₂ : NaSO ₂ | | | lorid | TEX | Pa | 39.0- | 1 | Correction Factor: | No (N/A) | Yes | Cooler Custody Seals: | |
| NaHSO NARIS | | | | _ | ran | 1/3 | | Thermometer ID: | - | Yes | Received Intact: | |
| H-PO. HP | | | | _ | neter | res No | Wet Ice: | Yes Mo | Temp Blank: | | SAMPLE RECEIPT | |
| H-SO. H- NaOH- Na | | | + MI | | rs | | | | | | PO#: | |
| 2 | | | RO) | BOY | | | | | CRM | | Sampler's Name: | |
| | | | | | | 72 Hrs | Due Date: | | Lea County, NM | _ | Project Location | |
| None: NO DI Water Ha | | | | | Pres. | Rush | Routine | | 1170 | | Project Number: | |
| Preservative Codes | UEST | ANALYSIS REQUEST | | | | ound | Turn Around | 02 | Green Drake 402 | 0 | Project Name: | |
| | Deliverables: EDD | | | ces.com | ogresour | Todd Wells@eogresources.com | Email: I | | | 432-813-6823 | Phone: | |
| ST/UST RRP Level IV | Reporting:Level II Level III ST | | Midland, Tx 79706 | Midland, | | City, State ZIP: | C | | 701 | Midland, TX 79701 | ate ZIP: | |
| [| State of Project: | | 5509 Champions Dr | 5509 Ch | | Address: | A | | Ste 415 | 310 W Wall St Ste 415 | Address: | |
| wnfields RC Inperfund | Program: UST/PST PRP trownfields | | sources | EOG Resources | | Company Name: | 0 | | urces | Carmona Resources | Name: | |
| Work Order Comments | Work Order | | ells | Todd Wells | | Bill to: (if different) | В | | gn | Conner Moehring | | |
| Page 4 of | | | - | | | | | | | | | |
| ō: H30530 e 39 o | Work Order No: | | | | | | | | | | | Page |
| f 30 | | 3 | | | | | | | | | | 04 |
| | | lv . | Chain of Custody | of C | hain | 0 | | | | | | UJ I |



April 13, 2023

CONNER MOEHRING
CARMONA RESOURCES
310 W WALL ST SUITE 415
MIDLAND, TX 79701

RE: GREEN DRAKE 402

Enclosed are the results of analyses for samples received by the laboratory on 04/12/23 8:02.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 1 (4.5') (H231714-01)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.90 | 95.2 | 2.00 | 2.42 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 4.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 4.28 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.11 | 102 | 6.00 | 3.54 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 656 | 16.0 | 04/12/2023 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 185 | 92.6 | 200 | 0.740 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 187 | 93.6 | 200 | 6.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.3 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.8 | % 49.1-14 | 8 | | | | | | |

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Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 2 (4.5') (H231714-02)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.90 | 95.2 | 2.00 | 2.42 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 4.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 4.28 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.11 | 102 | 6.00 | 3.54 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2360 | 16.0 | 04/12/2023 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 185 | 92.6 | 200 | 0.740 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 187 | 93.6 | 200 | 6.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 92.2 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.7 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 3 (4.5') (H231714-03)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.90 | 95.2 | 2.00 | 2.42 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 4.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 4.28 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.11 | 102 | 6.00 | 3.54 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2240 | 16.0 | 04/12/2023 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 185 | 92.6 | 200 | 0.740 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 187 | 93.6 | 200 | 6.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.6 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 98.0 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 4 (4.5') (H231714-04)

| BTEX 8021B | mg, | 'kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.90 | 95.2 | 2.00 | 2.42 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 4.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 4.28 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.11 | 102 | 6.00 | 3.54 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/kg | | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 14000 | 16.0 | 04/12/2023 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 185 | 92.6 | 200 | 0.740 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 187 | 93.6 | 200 | 6.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 111 9 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 5 (4.5') (H231714-05)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.90 | 95.2 | 2.00 | 2.42 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 4.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 4.28 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.11 | 102 | 6.00 | 3.54 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 416 | 16.0 | 04/12/2023 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 185 | 92.6 | 200 | 0.740 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 187 | 93.6 | 200 | 6.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 126 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 136 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 6 (4.5') (H231714-06)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.90 | 95.2 | 2.00 | 2.42 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 4.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 4.28 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.11 | 102 | 6.00 | 3.54 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.8 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2760 | 16.0 | 04/12/2023 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 185 | 92.6 | 200 | 0.740 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 187 | 93.6 | 200 | 6.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 97.8 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 108 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 7 (4.5') (H231714-07)

| BTEX 8021B | mg | /kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.90 | 95.2 | 2.00 | 2.42 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 4.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 4.28 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.11 | 102 | 6.00 | 3.54 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 4560 | 16.0 | 04/12/2023 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 185 | 92.6 | 200 | 0.740 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 187 | 93.6 | 200 | 6.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 93.6 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 8 (4.5') (H231714-08)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.90 | 95.2 | 2.00 | 2.42 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 4.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 4.28 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.11 | 102 | 6.00 | 3.54 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/kg | | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2520 | 16.0 | 04/12/2023 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 185 | 92.6 | 200 | 0.740 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 187 | 93.6 | 200 | 6.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.4 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 104 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 9 (4.5') (H231714-09)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.90 | 95.2 | 2.00 | 2.42 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 4.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 4.28 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.11 | 102 | 6.00 | 3.54 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3680 | 16.0 | 04/12/2023 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 185 | 92.6 | 200 | 0.740 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 187 | 93.6 | 200 | 6.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 94.9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 102 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: **GREEN DRAKE 402**

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM Sampling Date: 04/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Brandi Bautista

Sample ID: CS - 10 (4.5') (H231714-10)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.90 | 95.2 | 2.00 | 2.42 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 4.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 4.28 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.11 | 102 | 6.00 | 3.54 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | 'kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1840 | 16.0 | 04/12/2023 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 185 | 92.6 | 200 | 0.740 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 187 | 93.6 | 200 | 6.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 94.9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 102 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 11 (4.5') (H231714-11)

| BTEX 8021B | mg | /kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.90 | 95.2 | 2.00 | 2.42 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 4.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 4.28 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.11 | 102 | 6.00 | 3.54 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2320 | 16.0 | 04/12/2023 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 185 | 92.6 | 200 | 0.740 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 187 | 93.6 | 200 | 6.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 99.3 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 108 | % 49.1-14 | '8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 12 (4.5') (H231714-12)

RTFY 8021R

| B1EX 8021B | mg | / kg | Anaiyze | a By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.90 | 95.2 | 2.00 | 2.42 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 4.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 4.28 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.11 | 102 | 6.00 | 3.54 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 4720 | 16.0 | 04/12/2023 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 185 | 92.6 | 200 | 0.740 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 187 | 93.6 | 200 | 6.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.0 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

Analyzed By: 1H /

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 13 (4.5') (H231714-13)

RTFY 8021R

| B1EX 8021B | mg, | r Kg | Anaiyze | a By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.90 | 95.2 | 2.00 | 2.42 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 4.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 4.28 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.11 | 102 | 6.00 | 3.54 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 4480 | 16.0 | 04/12/2023 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 185 | 92.6 | 200 | 0.740 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 187 | 93.6 | 200 | 6.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 93.5 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.9 | % 49.1-14 | 8 | | | | | | |

Analyzed By: 1H /

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 14 (4.5') (H231714-14)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH/ | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.90 | 95.2 | 2.00 | 2.42 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 4.79 | |
| Ethylbenzene* | < 0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 4.28 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.11 | 102 | 6.00 | 3.54 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3560 | 16.0 | 04/12/2023 | ND | 400 | 100 | 400 | 3.92 | QM-07 |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 185 | 92.6 | 200 | 0.740 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 187 | 93.6 | 200 | 6.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 97.4 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 105 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 15 (4.5') (H231714-15)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | ea By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.90 | 95.2 | 2.00 | 2.42 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 4.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 4.28 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.11 | 102 | 6.00 | 3.54 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | ed By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3080 | 16.0 | 04/12/2023 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 185 | 92.6 | 200 | 0.740 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 187 | 93.6 | 200 | 6.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 99.5 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 108 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

Analyzed By: 1H /

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 16 (4.5') (H231714-16)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | a By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.90 | 95.2 | 2.00 | 2.42 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 4.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 4.28 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.11 | 102 | 6.00 | 3.54 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 480 | 16.0 | 04/12/2023 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 185 | 92.6 | 200 | 0.740 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 187 | 93.6 | 200 | 6.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 97.1 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

Analyzed By: 1H /

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 17 (4.5') (H231714-17)

RTFY 8021R

| B1EX 8021B | mg | / kg | Anaiyze | a By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.90 | 95.2 | 2.00 | 2.42 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 4.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 4.28 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.11 | 102 | 6.00 | 3.54 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1490 | 16.0 | 04/12/2023 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 185 | 92.6 | 200 | 0.740 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 187 | 93.6 | 200 | 6.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 109 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

Analyzed By: 1H /

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 18 (4.5') (H231714-18)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | a By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.90 | 95.2 | 2.00 | 2.42 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 4.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 4.28 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.11 | 102 | 6.00 | 3.54 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3720 | 16.0 | 04/12/2023 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 185 | 92.6 | 200 | 0.740 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 187 | 93.6 | 200 | 6.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 96.8 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 104 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

Analyzed By: 1H /

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Celey D. Keine



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 19 (4.5') (H231714-19)

RTFY 8021R

| B1EX 8021B | mg, | r Kg | Anaiyze | a By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.90 | 95.2 | 2.00 | 2.42 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 4.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 4.28 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.11 | 102 | 6.00 | 3.54 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2000 | 16.0 | 04/12/2023 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 185 | 92.6 | 200 | 0.740 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 187 | 93.6 | 200 | 6.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 97.8 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 105 | % 49.1-14 | 8 | | | | | | |

Analyzed By: 1H /

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 20 (4.5') (H231714-20)

BTEX 8021B

| DILX GOZID | ıııg, | , kg | Alldiyac | .u Dy. 3117 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.90 | 95.2 | 2.00 | 2.42 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 4.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 4.28 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.11 | 102 | 6.00 | 3.54 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | ed By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 04/12/2023 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 185 | 92.6 | 200 | 0.740 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 187 | 93.6 | 200 | 6.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 93.0 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 98.9 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

Analyzed By: JH/

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 21 (2') (H231714-21)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 3.81 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.15 | 108 | 2.00 | 4.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.10 | 105 | 2.00 | 5.84 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.55 | 109 | 6.00 | 6.57 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | ed By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 04/12/2023 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 182 | 91.0 | 200 | 0.112 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 190 | 95.0 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 94.4 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 107 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

GREEN DRAKE 402

Project Name: Project Number: 1170

Project Location: EOG - LEA COUNTY, NM Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Brandi Bautista

Sample ID: CS - 22 (2') (H231714-22)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 3.81 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.15 | 108 | 2.00 | 4.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.10 | 105 | 2.00 | 5.84 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.55 | 109 | 6.00 | 6.57 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 5 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/kg | | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 04/12/2023 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 182 | 91.0 | 200 | 0.112 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 190 | 95.0 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 104 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 117 9 | 6 49.1-14 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 23 (2') (H231714-23)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 3.81 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.15 | 108 | 2.00 | 4.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.10 | 105 | 2.00 | 5.84 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.55 | 109 | 6.00 | 6.57 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 04/12/2023 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 182 | 91.0 | 200 | 0.112 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 190 | 95.0 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 98.4 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 112 9 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 24 (2') (H231714-24)

| Analyte Result | Reporting Limit | Analyzed | M II 151 1 | | | | | |
|--|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| | | . , | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 3.81 | |
| Toluene* <0.050 | 0.050 | 04/12/2023 | ND | 2.15 | 108 | 2.00 | 4.52 | |
| Ethylbenzene* <0.050 | 0.050 | 04/12/2023 | ND | 2.10 | 105 | 2.00 | 5.84 | |
| Total Xylenes* <0.150 | 0.150 | 04/12/2023 | ND | 6.55 | 109 | 6.00 | 6.57 | |
| Total BTEX <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID 103 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B mg | /kg | Analyze | d By: GM | | | | | |
| Analyte Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride <16.0 | 16.0 | 04/12/2023 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M mg | /kg | Analyze | d By: MS | | | | | |
| Analyte Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* <10.0 | 10.0 | 04/12/2023 | ND | 182 | 91.0 | 200 | 0.112 | |
| DRO >C10-C28* <10.0 | 10.0 | 04/12/2023 | ND | 190 | 95.0 | 200 | 1.21 | |
| EXT DRO >C28-C36 <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane 95.8 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane 109 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 25 (2') (H231714-25)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 3.81 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.15 | 108 | 2.00 | 4.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.10 | 105 | 2.00 | 5.84 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.55 | 109 | 6.00 | 6.57 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 04/12/2023 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 182 | 91.0 | 200 | 0.112 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 190 | 95.0 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 97.3 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 112 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 26 (2') (H231714-26)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 3.81 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.15 | 108 | 2.00 | 4.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.10 | 105 | 2.00 | 5.84 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.55 | 109 | 6.00 | 6.57 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 04/12/2023 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 182 | 91.0 | 200 | 0.112 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 190 | 95.0 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.0 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 110 | % 49.1-14 | R | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: **GREEN DRAKE 402**

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Brandi Bautista

Sample ID: CS - 27 (2') (H231714-27)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 3.81 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.15 | 108 | 2.00 | 4.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.10 | 105 | 2.00 | 5.84 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.55 | 109 | 6.00 | 6.57 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 04/12/2023 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 182 | 91.0 | 200 | 0.112 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 190 | 95.0 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 97.9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 111 9 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 28 (2') (H231714-28)

| BTEX 8021B | mg | /kg | Analyze | ed By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 3.81 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.15 | 108 | 2.00 | 4.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.10 | 105 | 2.00 | 5.84 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.55 | 109 | 6.00 | 6.57 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PII | 104 | % 71.5-13 | 34 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | ed By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/12/2023 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 182 | 91.0 | 200 | 0.112 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 190 | 95.0 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 93.7 | % 48.2-13 | 34 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 105 | % 49.1-14 | 18 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 105 | % 49.1-14 | 18 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 29 (2') (H231714-29)

| BTEX 8021B | mg | /kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 3.81 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.15 | 108 | 2.00 | 4.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.10 | 105 | 2.00 | 5.84 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.55 | 109 | 6.00 | 6.57 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 04/12/2023 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 182 | 91.0 | 200 | 0.112 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 190 | 95.0 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 98.7 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 115 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 30 (2') (H231714-30)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | ea By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 3.81 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.15 | 108 | 2.00 | 4.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.10 | 105 | 2.00 | 5.84 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.55 | 109 | 6.00 | 6.57 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/kg | | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 04/12/2023 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 182 | 91.0 | 200 | 0.112 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 190 | 95.0 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.1 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 98.1 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

Analyzed By: 1H /

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 31 (2') (H231714-31)

| BTEX 8021B | mg, | /kg | Analyze | ed By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 3.81 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.15 | 108 | 2.00 | 4.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.10 | 105 | 2.00 | 5.84 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.55 | 109 | 6.00 | 6.57 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 04/12/2023 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 182 | 91.0 | 200 | 0.112 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 190 | 95.0 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 93.3 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 110 9 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

GREEN DRAKE 402

Project Name: GREE Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 32 (2') (H231714-32)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 3.81 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.15 | 108 | 2.00 | 4.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.10 | 105 | 2.00 | 5.84 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.55 | 109 | 6.00 | 6.57 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/12/2023 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 182 | 91.0 | 200 | 0.112 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 190 | 95.0 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 105 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 123 9 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 33 (2') (H231714-33)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 3.81 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.15 | 108 | 2.00 | 4.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.10 | 105 | 2.00 | 5.84 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.55 | 109 | 6.00 | 6.57 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 04/12/2023 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 182 | 91.0 | 200 | 0.112 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 190 | 95.0 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 89.6 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: **GREEN DRAKE 402**

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Brandi Bautista

Sample ID: CS - 34 (2') (H231714-34)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 3.81 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.15 | 108 | 2.00 | 4.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.10 | 105 | 2.00 | 5.84 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.55 | 109 | 6.00 | 6.57 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 04/12/2023 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 182 | 91.0 | 200 | 0.112 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 190 | 95.0 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.8 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 9 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: **GREEN DRAKE 402**

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Brandi Bautista

Sample ID: CS - 35 (4.5') (H231714-35)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 3.81 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.15 | 108 | 2.00 | 4.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.10 | 105 | 2.00 | 5.84 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.55 | 109 | 6.00 | 6.57 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9 | 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 752 | 16.0 | 04/12/2023 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 182 | 91.0 | 200 | 0.112 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 190 | 95.0 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 98.9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 115 % | 6 49.1-14 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701

Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: **GREEN DRAKE 402**

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Brandi Bautista

Sample ID: CS - 36 (4.5') (H231714-36)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 3.81 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.15 | 108 | 2.00 | 4.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.10 | 105 | 2.00 | 5.84 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.55 | 109 | 6.00 | 6.57 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1390 | 16.0 | 04/12/2023 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 182 | 91.0 | 200 | 0.112 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 190 | 95.0 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 99.0 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 109 9 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

GREEN DRAKE 402

Project Number: 1170

Project Name:

RTFY 8021R

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 37 (4.5') (H231714-37)

| B1EX 8021B | mg, | r Kg | Anaiyze | a By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 3.81 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.15 | 108 | 2.00 | 4.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.10 | 105 | 2.00 | 5.84 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.55 | 109 | 6.00 | 6.57 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1040 | 16.0 | 04/12/2023 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 182 | 91.0 | 200 | 0.112 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 190 | 95.0 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 98.0 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 110 9 | % 49.1-14 | 8 | | | | | | |

Analyzed By: 1H /

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: CS - 38 (4.5') (H231714-38)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | a By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 3.81 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.15 | 108 | 2.00 | 4.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.10 | 105 | 2.00 | 5.84 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.55 | 109 | 6.00 | 6.57 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1410 | 16.0 | 04/12/2023 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 182 | 91.0 | 200 | 0.112 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 190 | 95.0 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 93.8 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

Analyzed By: 1H /

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

04/12/2023

Reported: 04/13/2023

Project Name: **GREEN DRAKE 402**

Project Number: 1170

Received:

Project Location: EOG - LEA COUNTY, NM Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Brandi Bautista

Sample ID: CS - 39 (4.5') (H231714-39)

| BTEX 8021B | mg/ | 'kg | Analyzed By: JH/ | | | | | | |
|--------------------------------------|--------|-----------------|------------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 3.81 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.15 | 108 | 2.00 | 4.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.10 | 105 | 2.00 | 5.84 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.55 | 109 | 6.00 | 6.57 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1820 | 16.0 | 04/12/2023 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 182 | 91.0 | 200 | 0.112 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 190 | 95.0 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 98.9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 111 9 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: **GREEN DRAKE 402**

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Brandi Bautista

Sample ID: CS - 40 (4.5') (H231714-40)

| BTEX 8021B | mg/ | /kg | Analyzed By: JH/ | | | | | | |
|--------------------------------------|--------|-----------------|------------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.04 | 102 | 2.00 | 3.81 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.15 | 108 | 2.00 | 4.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.10 | 105 | 2.00 | 5.84 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.55 | 109 | 6.00 | 6.57 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 5 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1980 | 16.0 | 04/12/2023 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 182 | 91.0 | 200 | 0.112 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 190 | 95.0 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 97.1 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 109 9 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: SW - 1 (4.5') (H231714-41)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.93 | 96.6 | 2.00 | 1.40 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 0.811 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.08 | 104 | 2.00 | 0.128 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.42 | 107 | 6.00 | 0.807 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 04/12/2023 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 186 | 93.0 | 200 | 3.77 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 176 | 88.0 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.6 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: SW - 2 (4.5') (H231714-42)

| BTEX 8021B | mg | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.93 | 96.6 | 2.00 | 1.40 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 0.811 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.08 | 104 | 2.00 | 0.128 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.42 | 107 | 6.00 | 0.807 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 04/12/2023 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 186 | 93.0 | 200 | 3.77 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 176 | 88.0 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 98.8 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 91.0 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: SW - 3 (4.5') (H231714-43)

| BTEX 8021B | mg | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.93 | 96.6 | 2.00 | 1.40 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 0.811 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.08 | 104 | 2.00 | 0.128 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.42 | 107 | 6.00 | 0.807 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/kg | | Analyze | Analyzed By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/12/2023 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 186 | 93.0 | 200 | 3.77 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 176 | 88.0 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 97.1 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 92.0 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Celey D. Keine



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701

Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: **GREEN DRAKE 402**

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM Sampling Date: 04/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Brandi Bautista

Sample ID: SW - 4 (4.5') (H231714-44)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.93 | 96.6 | 2.00 | 1.40 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 0.811 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.08 | 104 | 2.00 | 0.128 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.42 | 107 | 6.00 | 0.807 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 04/12/2023 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 186 | 93.0 | 200 | 3.77 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 176 | 88.0 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.3 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: SW - 5 (2') (H231714-45)

| BTEX 8021B | mg | /kg | Analyzed By: JH | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.93 | 96.6 | 2.00 | 1.40 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 0.811 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.08 | 104 | 2.00 | 0.128 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.42 | 107 | 6.00 | 0.807 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/12/2023 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 186 | 93.0 | 200 | 3.77 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 176 | 88.0 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 105 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.6 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: SW - 6 (4.5') (H231714-46)

| | | /kg | Andryze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.93 | 96.6 | 2.00 | 1.40 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 0.811 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.08 | 104 | 2.00 | 0.128 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.42 | 107 | 6.00 | 0.807 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 04/12/2023 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 186 | 93.0 | 200 | 3.77 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 176 | 88.0 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 102 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 98.3 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: SW - 7 (4.5') (H231714-47)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.93 | 96.6 | 2.00 | 1.40 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 0.811 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.08 | 104 | 2.00 | 0.128 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.42 | 107 | 6.00 | 0.807 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/kg | | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 04/12/2023 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 186 | 93.0 | 200 | 3.77 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 176 | 88.0 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 106 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 105 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: **GREEN DRAKE 402**

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Brandi Bautista

Sample ID: SW - 8 (4.5') (H231714-48)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.93 | 96.6 | 2.00 | 1.40 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 0.811 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.08 | 104 | 2.00 | 0.128 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.42 | 107 | 6.00 | 0.807 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 04/12/2023 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 186 | 93.0 | 200 | 3.77 | |
| DRO >C10-C28* | 12.5 | 10.0 | 04/12/2023 | ND | 176 | 88.0 | 200 | 2.04 | |
| EXT DRO >C28-C36 | 18.3 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 9 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: **GREEN DRAKE 402**

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM Sampling Date: 04/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Brandi Bautista

Sample ID: SW - 9 (2') (H231714-49)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.93 | 96.6 | 2.00 | 1.40 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 0.811 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.08 | 104 | 2.00 | 0.128 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.42 | 107 | 6.00 | 0.807 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/12/2023 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 186 | 93.0 | 200 | 3.77 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 176 | 88.0 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 102 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.4 | % 49.1-14 | 8 | | | | | | |

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: SW - 10 (4.5') (H231714-50)

RTFY 8021R

| B1EX 8021B | mg, | r Kg | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.93 | 96.6 | 2.00 | 1.40 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 0.811 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.08 | 104 | 2.00 | 0.128 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.42 | 107 | 6.00 | 0.807 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/12/2023 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 186 | 93.0 | 200 | 3.77 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 176 | 88.0 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 99.8 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.3 | % 49.1-14 | 8 | | | | | | |

Applyzod By: 14

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: **GREEN DRAKE 402**

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM Sampling Date: 04/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Brandi Bautista

Sample ID: SW - 11 (2.5') (H231714-51)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.93 | 96.6 | 2.00 | 1.40 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 0.811 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.08 | 104 | 2.00 | 0.128 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.42 | 107 | 6.00 | 0.807 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 04/12/2023 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 186 | 93.0 | 200 | 3.77 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 176 | 88.0 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 110 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 111 9 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/12/2023 Reported: 04/13/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Brandi Bautista

Sample ID: SW - 12 (2.5') (H231714-52)

RTFY 8021R

| BIEX 8021B | mg | /кд | Anaiyze | a By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/12/2023 | ND | 1.93 | 96.6 | 2.00 | 1.40 | |
| Toluene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.02 | 101 | 2.00 | 0.811 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/12/2023 | ND | 2.08 | 104 | 2.00 | 0.128 | |
| Total Xylenes* | <0.150 | 0.150 | 04/12/2023 | ND | 6.42 | 107 | 6.00 | 0.807 | |
| Total BTEX | <0.300 | 0.300 | 04/12/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/12/2023 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/12/2023 | ND | 186 | 93.0 | 200 | 3.77 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/12/2023 | ND | 176 | 88.0 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 102 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 105 | % 49.1-14 | 8 | | | | | | |
| | | | | | | | | | |

Applyzod By: 14

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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

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|--|--|---|------------------------------|-------------|------------|-----------|--------------|----------------|---------------|------------------------------|------------|-----------------|----------------|------------------|
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| Project Manager Comme/Moehring Com | Project Manager: Conner Moehring | | | | \vdash | | _ | C | × | | 0/2023 | 4/1 | 5-7 (4.5') | CC |
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| Project Manager Conner Moehring Company Name Conner Moehring Company Name Company Na | Project Manager Conner Moehring Conner Moe | | | | | | 1 | C | × | | 7/2023 | 4/7 | 5-3 (4.5") | Ω |
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| Manager: Conner Moehring Bill to: (if different) Todd Wells Work Order Comments ny Name: Carmona Resources Company Name: EOG Resources Program: UST/PST PRP Frownfields RC RC s: 310 W Wall St Ste 5000 Address: 5509 Champions Dr Reporting: Level III | Manager: Conner Moehring Bill to: (rt drillerent) Todd Wells Work Order Comments ny Name: Carmona Resources Company Name: EOG Resources Program: UST/PST PRP Jrownfields RC RRC s: 310 W Wall St Ste 500 Address: 5509 Champions Dr State of Project: Reporting: Level III ST/UST RRP ate ZIP: Midland, TX 79706 Email: Todd Wells@eogresources.com Reporting: Level III St/UST RRP Name: Green Drake 402 Turn Around Pres. ANALYSIS REQUEST Preservati None: NO None: NO None: NO None: NO None: NO | | | | | | | 24 Hrs | | Du | ounty, NM | Lea C | | Project Location |
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| Conner Moehring Bill to: (if different) Carmona Resources Company Name: EOG Resources Program: UST/PST PRP Irownfields RC State of Project: | Conner Moehring Bill to: (if different) Carmona Resources Company Name: EOG Resources Page 1 Work Order Comments Frogram: UST/PST PRP Jrownfields RC State of Project: | RRP | Reporting:Level II Level III | | Tx 79706 | Midland, | | State ZIP: | City, | | | nd, TX 79701 | Midlar | City, State ZIP: |
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| | Page 1 | rder Comments | Work Or | | ells | Todd We | | (if different) | Bill to | | | er Moehring | | Project Manage |
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| Chain of Custody Work Order No: H231714 | | | | | | | | , | | | | | | |

| Project Manager Common Resources Company Name Common Resources Common Resource |
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| Manager: Conner Moehring Bill for (if different) Todd Wells s: 310 W Wall St Site 500 Address: EGG Resources sate ZIP: Midland, TX 79701 City, State ZIP: Midland, Tx 79706 Name: 432-813-8823 Tum Around City, State ZIP: Midland, Tx 79706 Number: 1170 Due Date: 24 Hrs Code Midland, Tx 79706 Number: Lea County, NM Due Date: 24 Hrs Code Midland, Tx 79706 PLE RECEIPT Temp Blank: Yes No (MA) Correction Factor: -0.44 C AMALYSIS REQU Custody Seals: Yes No (MA) Correction Factor: -0.44 C AMALYSIS REQ Custody Seals: Yes No (MA) Temperature: -0.44 C AMALYSIS REQ Custody Seals: Yes No (MA) Temperature: -0.44 C AMALYSIS REQ Custody Seals: Yes No (MA) Temperature: -0.44 C AMALYSIS REQ CS-12 (4.5) 4/10/2023 X C 1 X X X CS-14 (4. |
| Manager. Conner Moehring Bill to: (if different) Todd Wells s: 310 W Wall St Ste 500 Address: EOG Resources sae ZiP: Mildland, TX 79701 Email: Todd Wells@eogresources.com Mildland, TX 79706 Name: Green Drake 402 Turn Around Mildland, TX 79706 Number: 1170 Email: Todd Wells@eogresources.com Number: Lea County, NM Due Date: 24 Hrs Mildland, TX 79706 Location KGB Image: Transpersources.com ANALYSIS REQU PLE RECEIPT Temp Blank: Yes No (VA) Correction Factor: AUSS No (VA) Tomperature: AUSS No (VA) Tomperature: AUSS No (VA) |
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| Ed Manager Conner Moehring Bill to: (# driewen) Todd Wells Work Order Comments saary Name: Carmona Resources EOG Resources EOG Resources Work Order Comments sss: 310 W Wall St Ste 500 Address: EOG Resources Program: UST/PST PRP Irownfields IRC state ZIP: Midland, Tx 79701 City, State ZIP: Midland, Tx 79706 State of Project: at Name: Green Drake 402 Turn Around Midland, Tx 79706 Preservati at Name: Green Drake 402 Turn Around Preservati at Name: Green Drake 402 Turn Around ANALYSIS REQUEST Preservati at Name: Green Drake 402 Turn Around ANALYSIS REQUEST Preservati at Name: Green Drake 402 Turn Around ANALYSIS REQUEST Preservati at Name: Green Drake 402 Turn Around ANALYSIS REQUEST Preservati berein Name: Green Drake 402 ANALYSIS REQUEST Preservati ANALYSIS REQUEST High City Holder High City Holder Cook: Cool High Cool High Ci | Page 6 of 6 Samy Name: Cannora Moehring Bill to: (if shwm) Todd Wells Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Todd Wells Side ZiP More Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side ZiP More Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side ZiP More Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inventiblet Bill to: (if shwm) Side Zin Pogram: UST/PST PRP Inve | Manager: Conner Mochring | Sample Comments | | TP | # of | Grab/ Comp | Water | Soil | Time | Date | itification | Sample Idea |
| Enter Conner Moehring | Page 6 6 6 6 6 6 6 6 6 | ## Work Order No: ## Hamsger: Conner Moehring Page 6 6 6 6 6 6 6 6 6 6 | NaOH+Ascorbic Acid: SAPC | | H 801 | | 200 | 1-/1 | ature: | Corrected Temper | | - | Total Containers: |
| cd Manager: Conner Moehring Bill to: (#different) Toold Wells Work Order Comments saary Name: Carmona Resources Company Name: EOG Resources EOG Resources Program: UST/PST | Page 6 0f 6 | Conner Moehring | Zn Acetate+NaOH: Zn | | 5M | В | 40 | -0, | ding: | Temperature Read | No | - | Sample Custody Sea |
| Page 6 Program: UST/PST Proprime 10 Work Order Comments Page 6 Work Order Comments Page Fage Page Pa | Page | Mork Order No: H33 Todd Wells Mork Order Comments Page 6 of 6 | Na ₂ S ₂ O ₃ : NaSO ₃ | | (GR | _ | 600 | -0, | | Correction Factor. | No | + | Cooler Custody Sea |
| Page 6 Page Page 6 Page 6 Page Fage | Conner Moehring | Mork Order No: H23 T/H4 | NaHSO.: NABIS | | 0+1 | | 3 | 1/3 | | Thermometer ID: | es) | | Received Intact: |
| cd Manager: Conner Moehring Bill to: (ff different) Todd Wells Work Order Comments sary Name: Carmona Resources Company Name: EOG Resources EOG Resources Program: UST/PST | t Manager: Conner Moehring Bill to: (rterfinent) Todd Wells Page 6 of 6 anny Name: Carmona Resources Company Name: EOG Resources State ZIP: Midland, TX 79701 City, State ZIP: Midland, TX 79701 City, State ZIP: Midland, TX 79706 Todd Wells@eogresources.com Page 6 of 6 bath State ZIP: Midland, TX 79701 City, State ZIP: Midland, TX 79706 State of Project: Reporting: Level II Le | Conner Moehring | | | DRO | | No | Yes | Wet Ice: | | Temp Blank: | | SAMPLE RECE |
| Manager: Conner Moehring Bill to: (ff different) Todd Wells Work Order Comments ny Name: Carmona Resources Company Name: EOG Resources EOG Resources Program: UST/PST PRP Irownfields Irownfie | Manager: Conner Moehring Bill to: (rt effice in y Name) Todd Wells Freservative Codes s: 310 W Wall St Ste 500 Address: EOG Resources EOG Resources Program: UST/PST PRP Irownfields BRC Iperfund Image: State of Project: Work Order Comments Image: State of Project: Vone: Image: Image: Image: State of Project: Program: UST/PST PRP Irownfields BRC Iperfund Image: Imag | Manager: Conner Moehring Bill to: rt efferent) Todd Wells Page 6 of 6 | | | + MF | s | | | | | | | PO# |
| Manager: Conner Moehring Bill to: (if different) Todd Wells Work Order Comments ny Name: Carmona Resources Company Name: EOG Resources FOG Resources Program: UST/PST PRP Irownfields Irownfields IRC Irownfields IRC s: 310 W Wall St Ste 500 Address: 5509 Champions Dr State of Project: Reporting: Level III Ist/UST IRRP ate ZIP: Midland, TX 79701 Email: Todd Wells@eogresources.com Midland, Tx 79706 Reporting: Level III Ist/UST IRRP Name: Green Drake 402 Turn Around Pres. ANALYSIS REQUEST Preservati None: No Lea County, NM Due Date: 24 Hrs 24 Hrs None: No | Manager Conner Moehring Bill to: (ff different) Todd Wells Page 6 of 6 Fege 7 (a) Fege 8 of 6 | Work Order No: H23 77 H23 Manager: Conner Moehring | 9 | | RO) | | | | | | KGB | | Sampler's Name: |
| Manager: Conner Moehring Bill to: (if different) Todd Wells Work Order Comments ny Name: Carmona Resources Company Name: EOG Resources Program: UST/PST □ PRP □ Frownfields □ RC Prog | Manager Conner Moehring Bill to: (#d#ferent) Todd Wells Fage 6 of 6 Fage 7 of 7 of 6 Fage 7 of 7 o | Manager Conner Moehring Sill to: (# different) Todd Wells | | | | | Hrs | 24 | Due Date: | | Lea County, NI | | Project Location |
| Manager: Conner Moehring Bill to: (if different) Todd Wells Work Order Comments ny Name: Carrmona Resources Company Name: EOG Resources Program: UST/PST PRP Rownfields Rc s: 310 W Wall St Ste 500 Address: 5509 Champions Dr State of Project: ate ZIP: Midland, TX 79701 City, State ZIP: Midland, TX 79706 Reporting: Level III Level III ST/UST RRP 432-813-8823 Email: Todd Wells@eogresources.com Deliverables: EDD ADaPT Other: | Manager: Conner Moehring Manager: Conner Mo | Manager Conner Moehring Bill to: (if different) Todd Wells Page 6 Company Name: Carmona Resources Company Name: EOG Resources S509 Champions Dr Midland, TX 79701 City, State ZIP: Midland, TX 79706 Email: Todd Wells@eogresources.com Mane: Green Drake 402 Turn Around ANALYSIS RECUEST Program: UST/PST PRP Prownfields Program: UST/PST | None: NO | | | Pres. | 5 | ☑ Rus | Routine | | 1170 | | Project Number. |
| Manager. Conner Moehring Bill to: (rf different) Todd Wells Work Order Comments ny Name: Carmona Resources Company Name: EOG Resources Program: UST/PST prownfields rownfields rownf | Manager: Conner Moehring Bill to: (if different) Todd Wells ny Name: Carmona Resources Company Name: EOG Resources S: 310 W Wall St Ste 500 Address: 5509 Champions Dr ate ZIP: Midland, TX 79701 City, State ZIP: Midland, Tx 79706 Reporting: Level III _ Level III _ ST/UST _ RRP 432-813-6823 Email: Todd Wells@eogresources.com Deliverables: EDD _ ADaPT _ Other: | Manager: Conner Moehring | | ANALYSIS REQUE | | | | rn Around | Tu |)2 | Green Drake 40 | | Project Name: |
| Manager: Conner Moehring Bill to: (if different) Todd Wells Work Order Comments ny Name: Carmona Resources Company Name: EOG Resources Program: UST/PST PRP Frownfields RC s: 310 W Wall St Ste 500 Address: 5509 Champions Dr State of Project: ate ZIP: Midland, TX 79701 City, State ZIP: Midland, Tx 79706 Reporting: Level III Level III Level III ST/UST RRP | Manager: Conner Moehring Manager: Conner Mo | Manager: Conner Moehring | ☐ ADaPT ☐ Other: | D | .com | resources | CD | | Ema | | 23 | 432-813-68 | Phone: |
| Page6_ anager: Conner Moehring Bill to: (#different) Todd Wells Work Order Comments Name: Carmona Resources Company Name: EOG Resources Program: UST/PST _PRP _]rownfieldslRC 310 W Wall St Ste 500 Address: 5509 Champions Dr State of Project: | Anager: Conner Moehring Bill to: (# different) Carmona Resources Carmona Resources Company Name: EOG Resources Todd Wells Fogram: UST/PST PRP | Address: Conner Moehring Bill to: (rf different) Todd Wells T | □ST/UST □RRP | | lland, Tx 79706 | Mic | te ZIP: | City, Sta | | | (79701 | Midland, TX | City, State ZIP: |
| Conner Moehring Bill to: (If different) Carmona Resources Company Name: EOG Resources Program: UST/PST PRP Trownfields RC | Conner Moehring Carmona Resources Carmona Resources Carmona Resources Company Name: EOG Resources Work Order Comments Frogram: UST/PST PRP Irownfields RC Insertund Irownfields | Conner Moehring Carmona Resources Carmona Resourc | 1 | | 09 Champions D | 550 | | Address | | | St Ste 500 | 310 W Wal | Address: |
| Conner Moehring Bill to: (rt different) Todd Wells Work Order Comments | Conner Moehring Bill to: (if different) Todd Wells Work Order Comments Work Order Comments | Conner Moehring Bill to: (if different) Todd Wells Work Order Comments Work Order Comments | \ RC | P | G Resources | EO | y Name: | Compan | | | esources | Carmona R | Company Name: |
| Page 6 of | Work Order No: 11377114 | Work Order No: H2317114 | | | dd Wells | То | different) | Bill to: (if | | | ehring | Conner Mo | Project Manager. |
| | H231114 | Work Order No: H231714 | 6 of | | | | | | | | | | |



April 14, 2023

CONNER MOEHRING
CARMONA RESOURCES
310 W WALL ST SUITE 415
MIDLAND, TX 79701

RE: GREEN DRAKE 402

Enclosed are the results of analyses for samples received by the laboratory on 04/13/23 14:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 04/13/2023 Reported: 04/14/2023

Project Name: GREEN DRAKE 402

Project Number: 1170

Project Location: EOG - LEA COUNTY, NM

Sampling Date: 04/13/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 4 (5') (H231778-01)

| BTEX 8021B | mg | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/13/2023 | ND | 1.88 | 94.2 | 2.00 | 11.6 | |
| Toluene* | <0.050 | 0.050 | 04/13/2023 | ND | 2.02 | 101 | 2.00 | 11.7 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/13/2023 | ND | 2.13 | 106 | 2.00 | 11.6 | |
| Total Xylenes* | <0.150 | 0.150 | 04/13/2023 | ND | 6.53 | 109 | 6.00 | 10.1 | |
| Total BTEX | <0.300 | 0.300 | 04/13/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 448 | 16.0 | 04/14/2023 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/14/2023 | ND | 173 | 86.7 | 200 | 1.50 | |
| DRO >C10-C28* | 10.5 | 10.0 | 04/14/2023 | ND | 181 | 90.6 | 200 | 2.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/14/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 125 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 140 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey & Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene

| Chain of Custody | OF TOTAL |
|-------------------|----------|
| Work Order No: Ho | |
| 33178-1 4 of 4 | |

| Comments: Email to Mike Car | CS-4 (5') | | | | Cooler Custody Seals: Yes | _ | SAMPLE RECEIPT TO | PO# | Sampler's Name: | Project Location | 37 | Name: | Phone: 432-813-6823 | City, State ZIP: Midland, TX 79/01 | | | 1 | Project Manager: Conner Moehring | |
|---|-----------|-----------------|-----------------------|--------------------------|---------------------------|---|----------------------------|-------------------------------------|-----------------|------------------|---------|-------------------------------------|-----------------------------|------------------------------------|--|-------------------|------------------------------|----------------------------------|----------|
| Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonares Relinguished by: (Signature) Date/Time #15-25/4/5 | 4/13/2023 | Date | | No (NA | No (N/A) | | Temp Blank: | | KGB | Lea County, NM | 1170 | Green Drake 402 | 3 | 10/6 | 2000 | t Ste 500 | ources | ring | |
| na@carmonal | | Time | Corrected Temperature | Temperature Reading: | Correction Factor: | Thermometer ID: | Yes No | | | | | 10 | | | | | | | |
| esources.com | × | Soil | erature: | ading: | | | Wet lce: | | | Due Date: | Routine | Turn J | Email: | | | , | | | |
| and Conner | 0 | Water Comp | 7.00 | 0//6 | -0,60 | 113 | Yes No | | | 24 Hrs | √ Rush | Turn Around | Todd Weils@eogresources.com | Only Owner III | City State ZIP: | Address: | Company Name: | Bill to: (if different) | |
| Moehring / 6 | _ | Cont Cont | + | | | | met | | | | Code | Fres. | eogresources | | Mic | | | | |
| Date/Time | × | Т | PH 8 | 0151 | M (G | RO | + DF | RO + | MRC | 0) | | | S.COIII | 3 | Midland, Tx 79706 | 5509 Champions Dr | EOG Resources | Todd Wells | |
| burces.com | | | | | | | | | | | | ANALYSIS REQUEST | ANALYSIS DEC | | | | | | |
| Received by: (Signature) | | | | | | | | | | | | JUES I | HIEST | Deliverables: EDD | Reporting:Level III Level III L'S1/US1 | State of Project. | Program: Control Law Comment | BANGET DRP | Work |
| Date/Time | | Sample Comments | Sample Comme | NaOH+Ascorbic Acid: SAPC | Zn Acetate+NaOH: Zn | Na ₂ S ₂ O ₃ : NaSO ₃ | NaHSO ₄ : NABIS | H ₃ PO ₄ : HP | | | | None: NO DI Water: H ₂ O | Preservative Codes | ADaPT Other | KKY | | Ç | trownfields tRC perfund | Page1of_ |

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 224876

CONDITIONS

| Operator: | OGRID: |
|-------------------|---|
| EOG RESOURCES INC | 7377 |
| P.O. Box 2267 | Action Number: |
| Midland, TX 79702 | 224876 |
| | Action Type: |
| | [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | | Condition Date |
|---------------|------|-------------------|
| nvelez | None | 9/1/2023 |