

CARMONA RESOURCES



## SITE INFORMATION

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**Closure Report**  
**Antero 14 Fed Com CTB Riser Release**  
**Lea County, New Mexico**  
**Incident ID: NAPP2316553511**  
**Unit N Sec 14 T25S R33E**  
**32.126006°, -103.545682°**

**Produced Water Release**  
**Point of Release: Transfer Line Rupture**  
**Release Date: 06/11/2023**  
**Volume Released: 200 barrels of Produced Water**  
**Volume Recovered: 0 barrels of Produced 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**  
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October 11, 2023

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

**Re: Closure Report**  
**Antero 14 Fed Com CTB Riser Release (06.11.23)**  
**EOG Resources Inc.**  
**Incident # NAPP2316553511**  
**Site Location: Unit N, S14, T25S, R33E**  
**(Lat 32.126006°, Long -103.545682°)**  
**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 Antero 14 Fed Com CTB Riser Release. This site is located at 32.126006°, Long -103.545682° within Unit N, S14, 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 June 11, 2023, due to a ruptured transfer line. It resulted in the release of approximately two hundred (200) barrels of produced water, with zero (0) barrels of produced water recovered. The impacted area occurred in the pasture. See Figure 3. The initial C-141 form is attached in Appendix C.

### **2.0 Site Characterization and Groundwater**

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The nearest identified well is located approximately 1.17 miles Northeast of the site in S13, T25S, R33E, and was drilled in 1993. The well has a reported depth to groundwater of 185' below ground surface (ft bgs). A copy of the associated Point of Diversion Summary report is attached in Appendix D.

On September 21, 2021, Scarborough Drilling, Inc was onsite to drill a groundwater determination bore to 55' bgs 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 55' bgs. The coordinates for the groundwater determination bore are 32.12283°, -103.54208°. 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 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.

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#### **4.0 Site Assessment Activities**

##### **Initial Assessment**

On June 13, 2023, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts from the release. A total of twenty (20) sample points (S-1 through S-20) and eighteen (18) horizontal samples (H-1 through H-18) were advanced to depths ranging from the surface to 3' bgs inside and surrounding the release area to evaluate the vertical and horizontal extent. See Figure 3 for the soil 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.

Vertical delineation was not achieved due to a dense geological formation encountered between 1'-3' in various areas of the release.

##### **Trenching Activities**

On June 26, 2023, Carmona Resources, LLC returned to the site using a backhoe to evaluate soil impacts from the release. Seventeen (17) trenches (T-1 through T-17) were advanced to depths ranging from the surface to 8' bgs inside the release area to assess the vertical 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.

Vertical delineation was achieved in all areas. See Table 1 for the analytical results.

#### **5.0 Remediation Activities**

Carmona Resources personnel were on site to guide the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOC division office was notified via email on August 8, 2023, and August 15, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of one hundred eighty-six (186) floor confirmation samples were collected (CS-1 through CS-186), and one hundred nine (109) sidewall samples (SW-1 through SW-109) 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.

All final confirmation samples were below the regulatory and reclamation requirements for TPH, BTEX, and chloride except for sidewall sample number thirty-two (SW-32), which showed high chloride at 928 mg/kg. Sidewall thirty-two was excavated another foot to remove contaminated soil. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 5,288 cubic yards of material were excavated and transported offsite for proper disposal.



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### **5.0 Conclusions**

Based on the assessment results and the final 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**

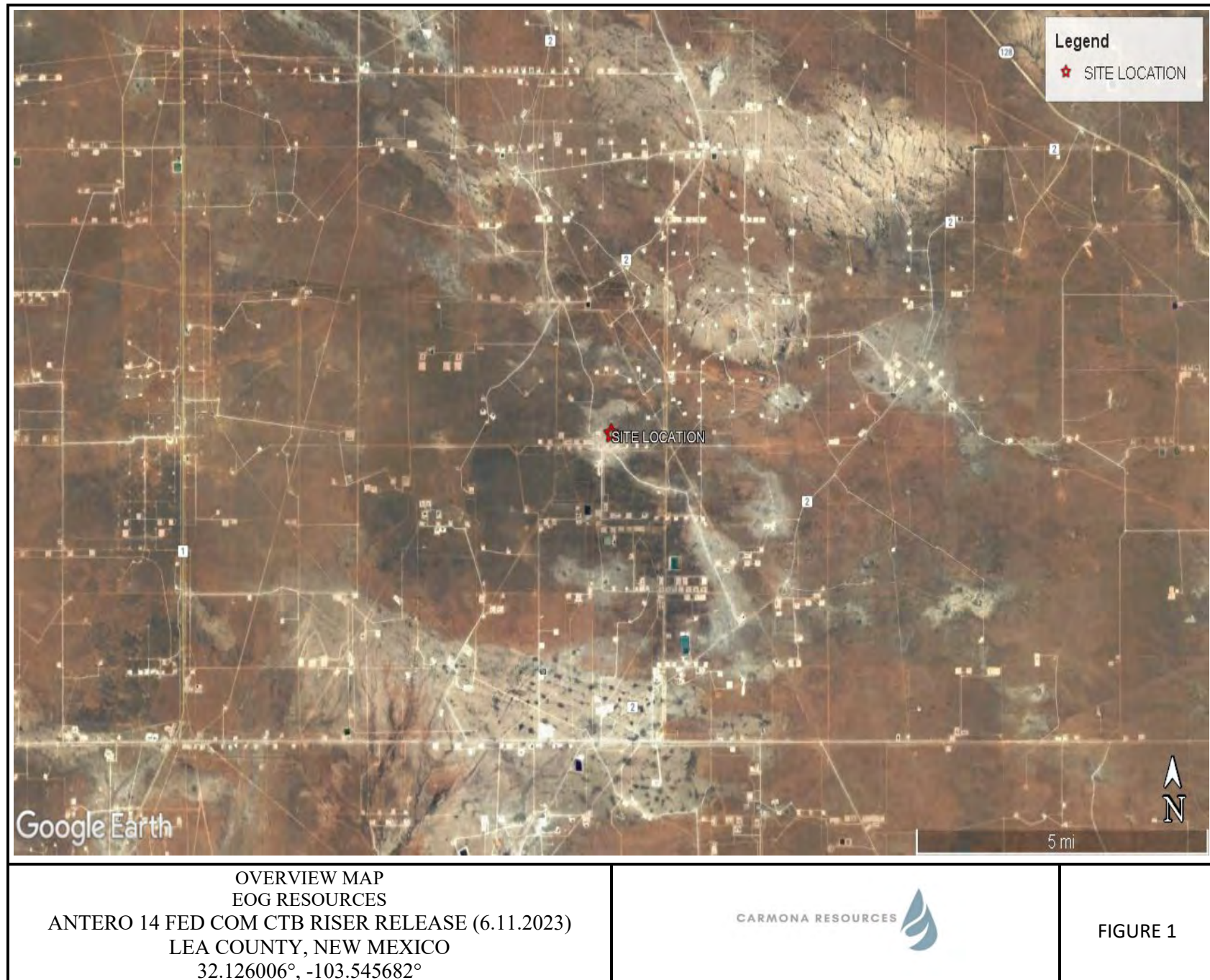
Mike Carmona  
Environmental Manager

Devin Dominguez  
Sr. Project Manager

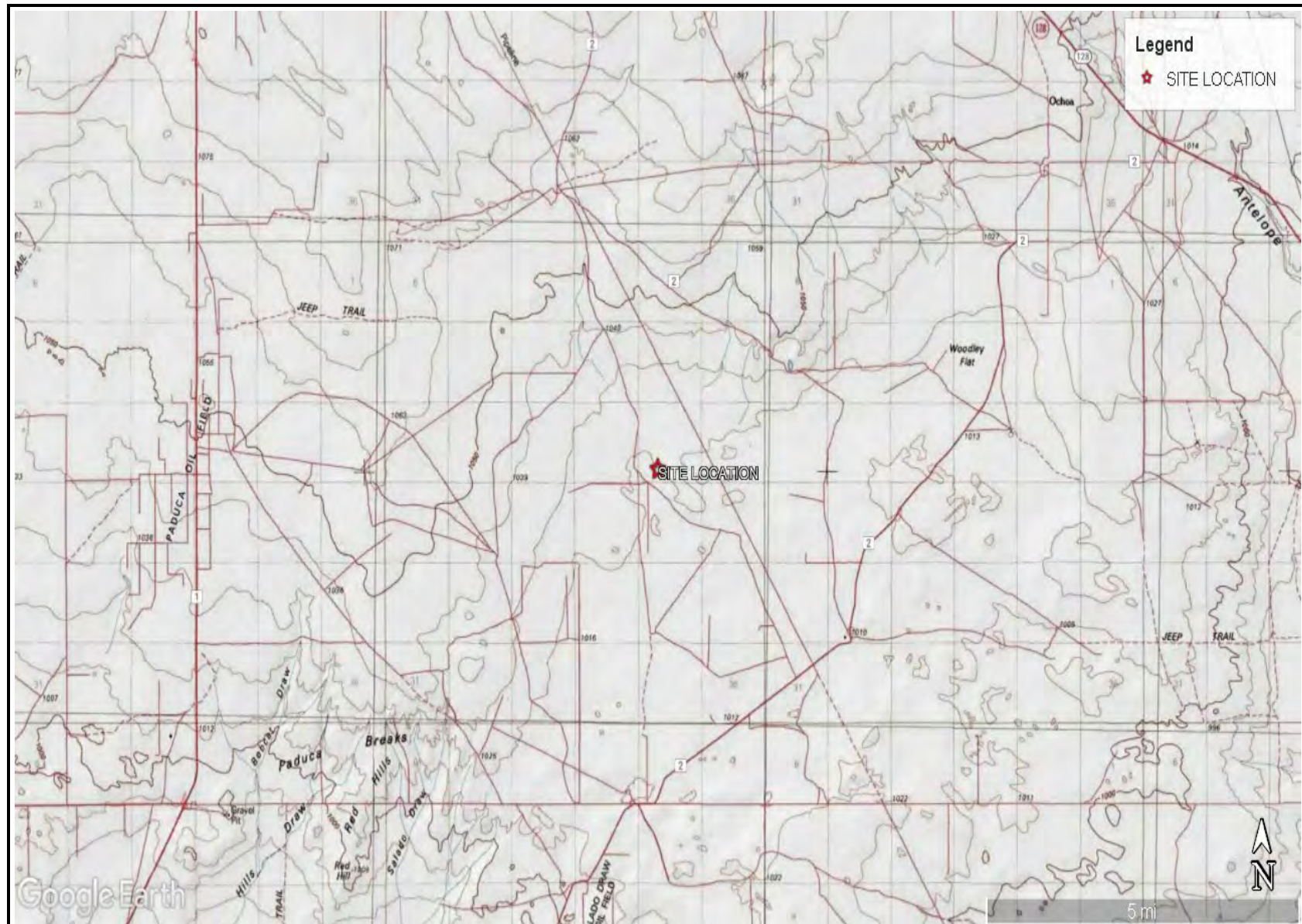
## FIGURES

CARMONA RESOURCES







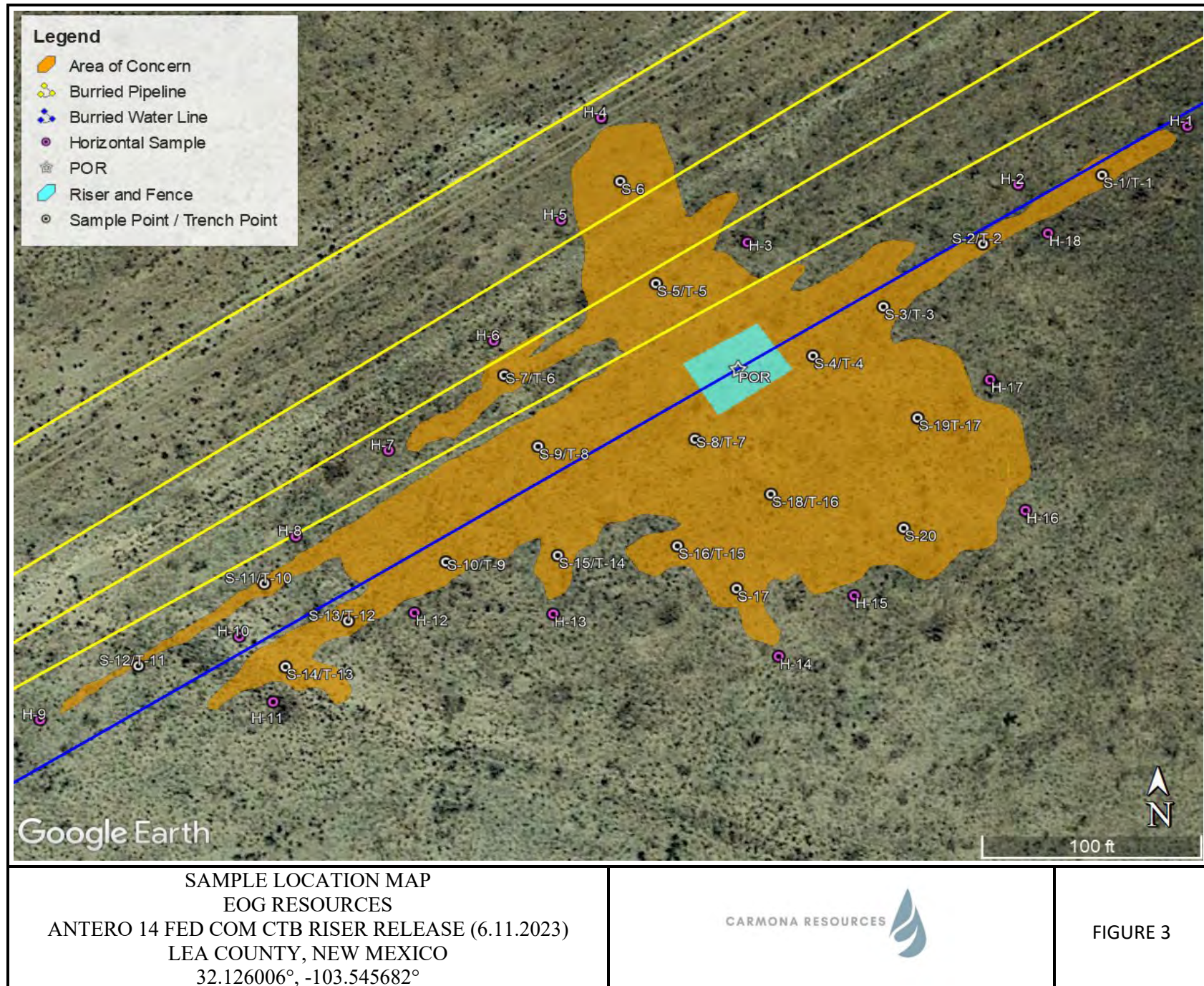


TOPOGRAPHIC MAP  
EOG RESOURCES  
ANTERO 14 FED COM CTB RISER RELEASE (6.11.2023)  
LEA COUNTY, NEW MEXICO  
32.126006°, -103.545682°

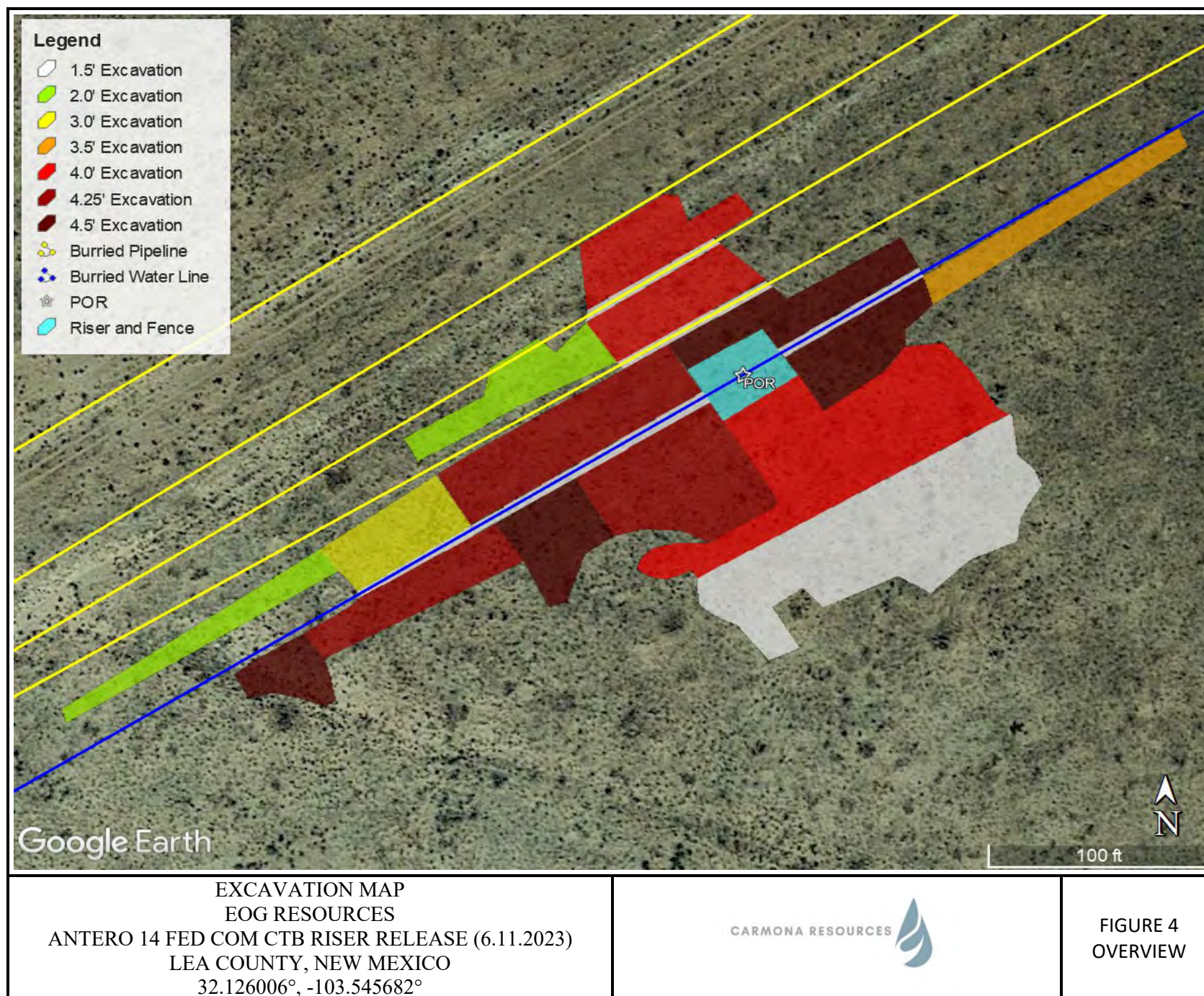


FIGURE 2

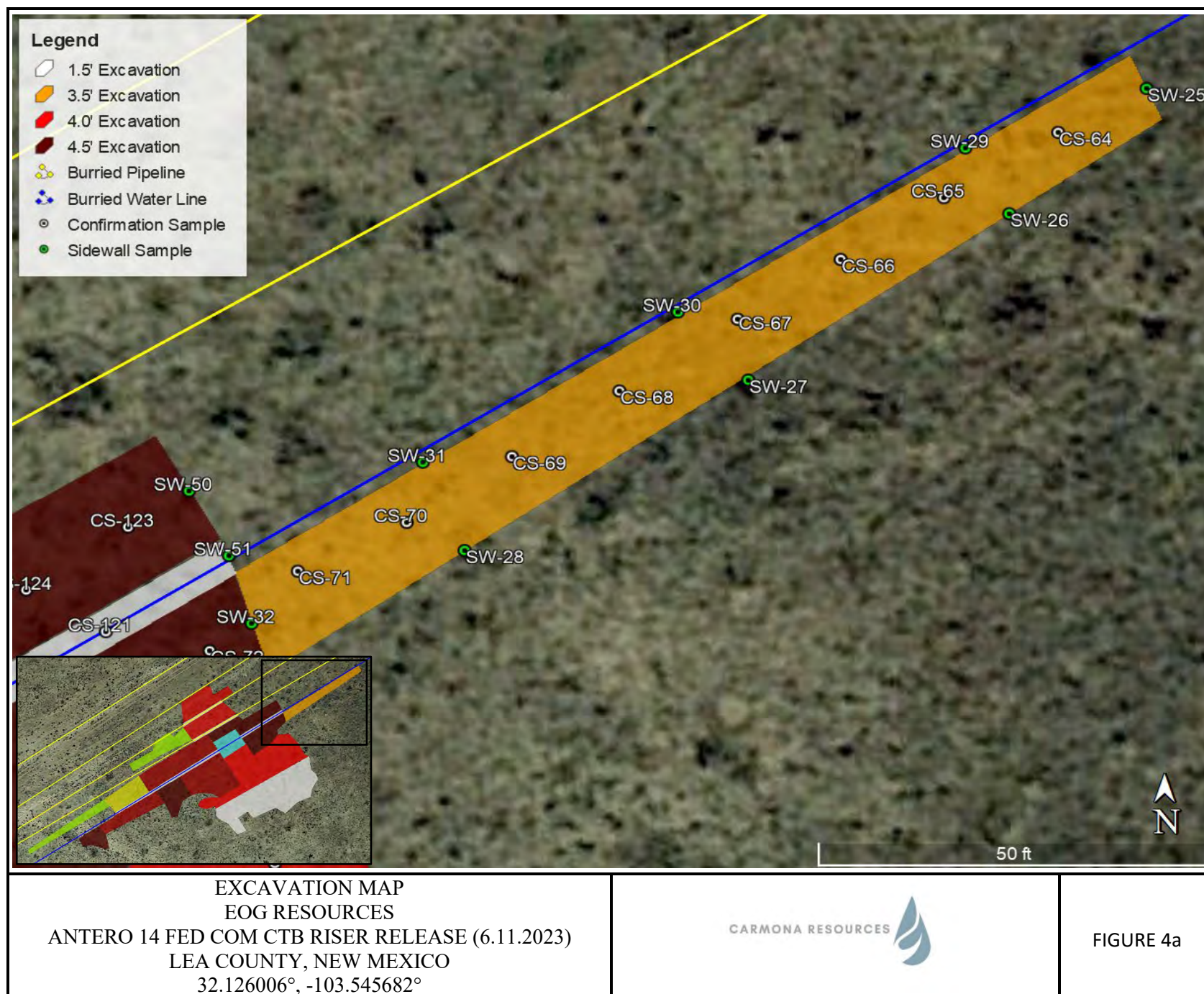




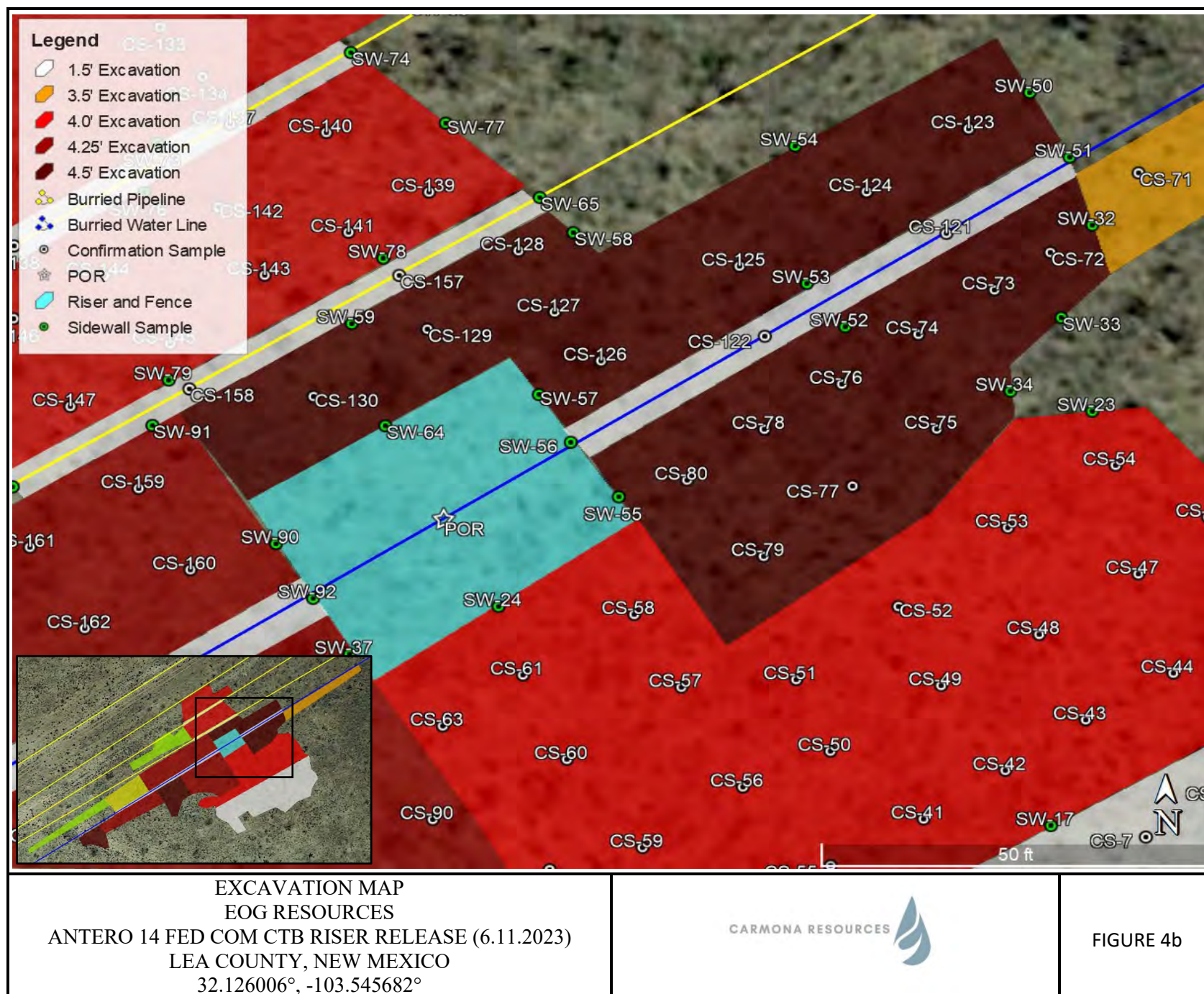




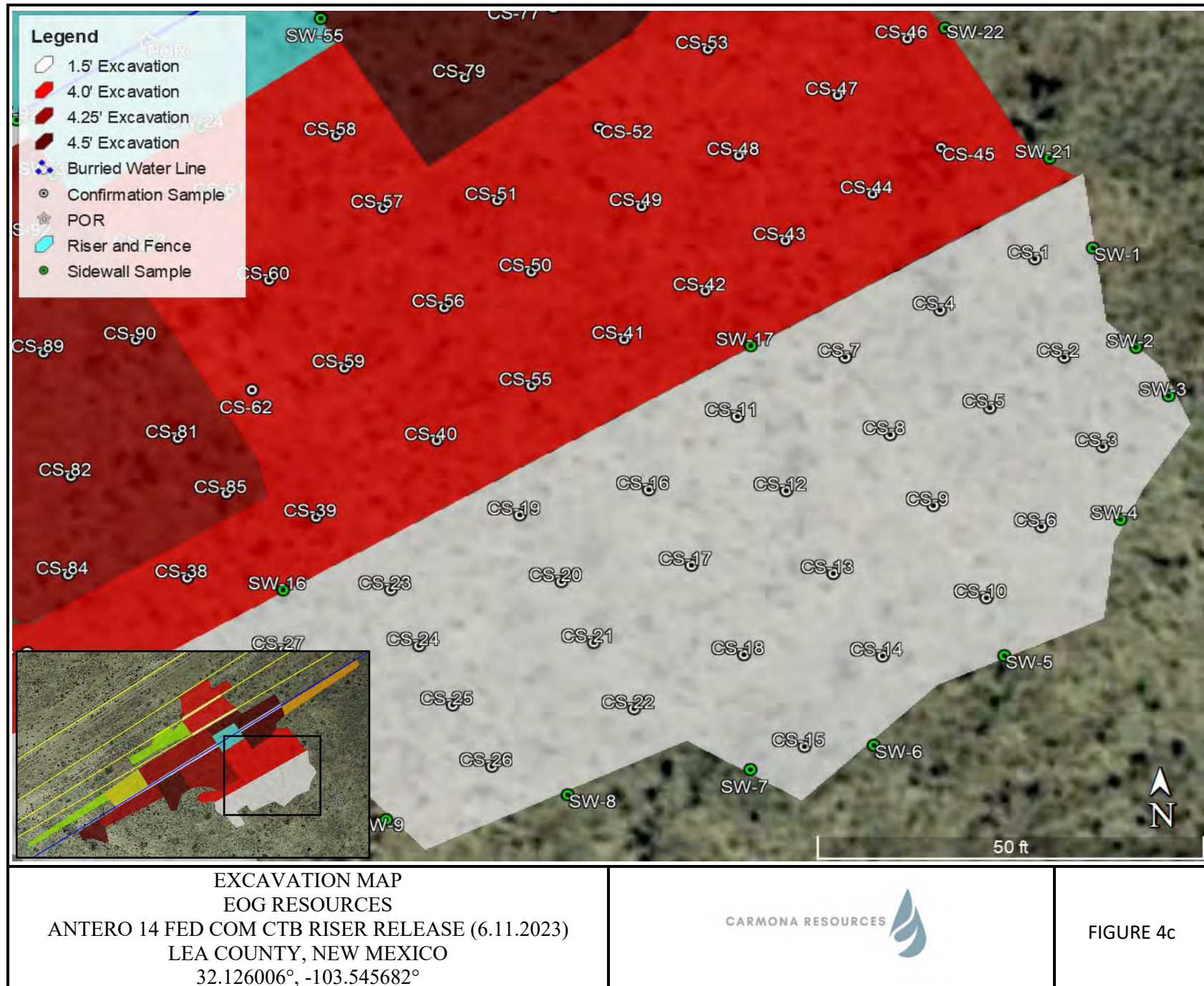




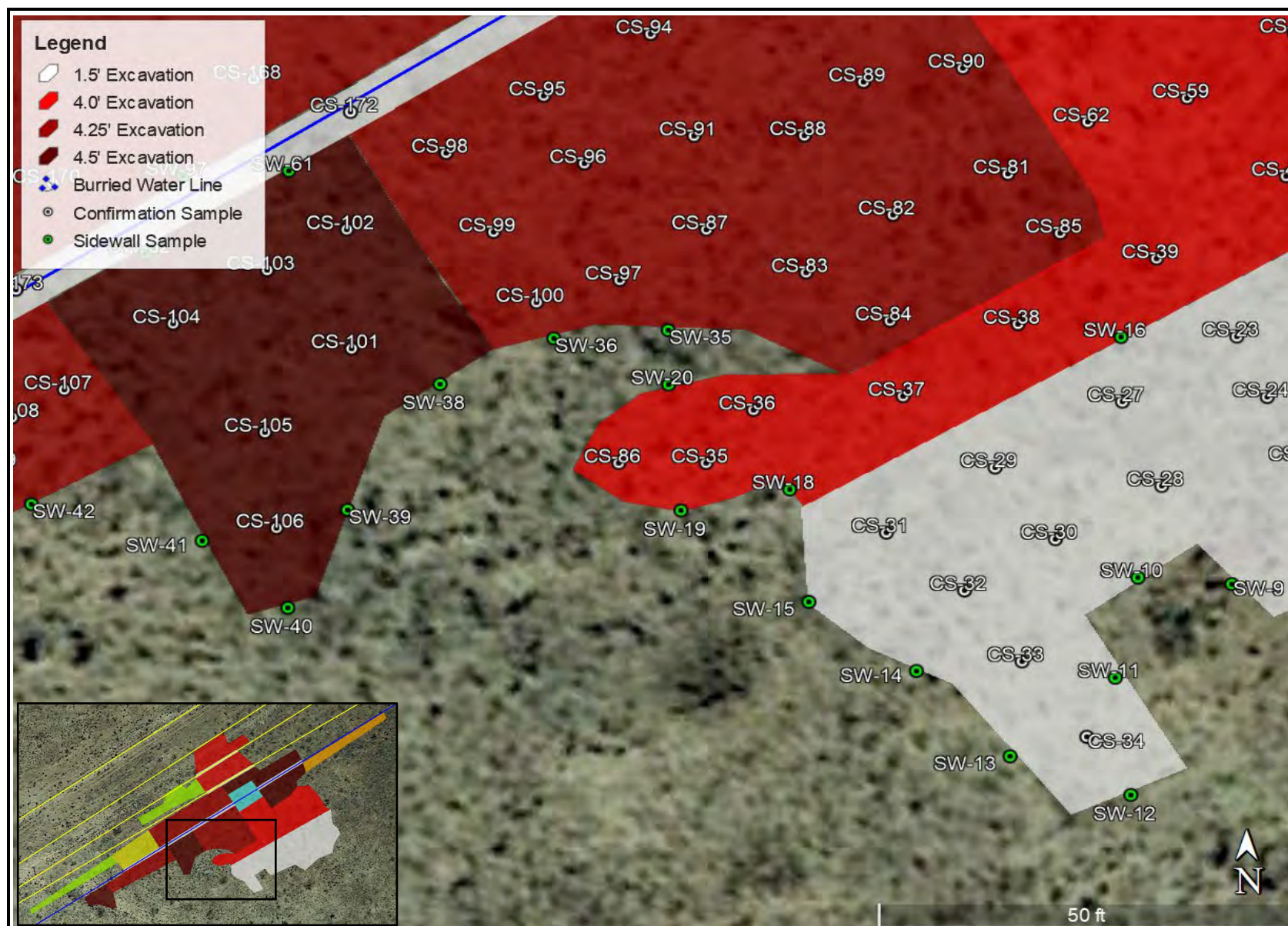










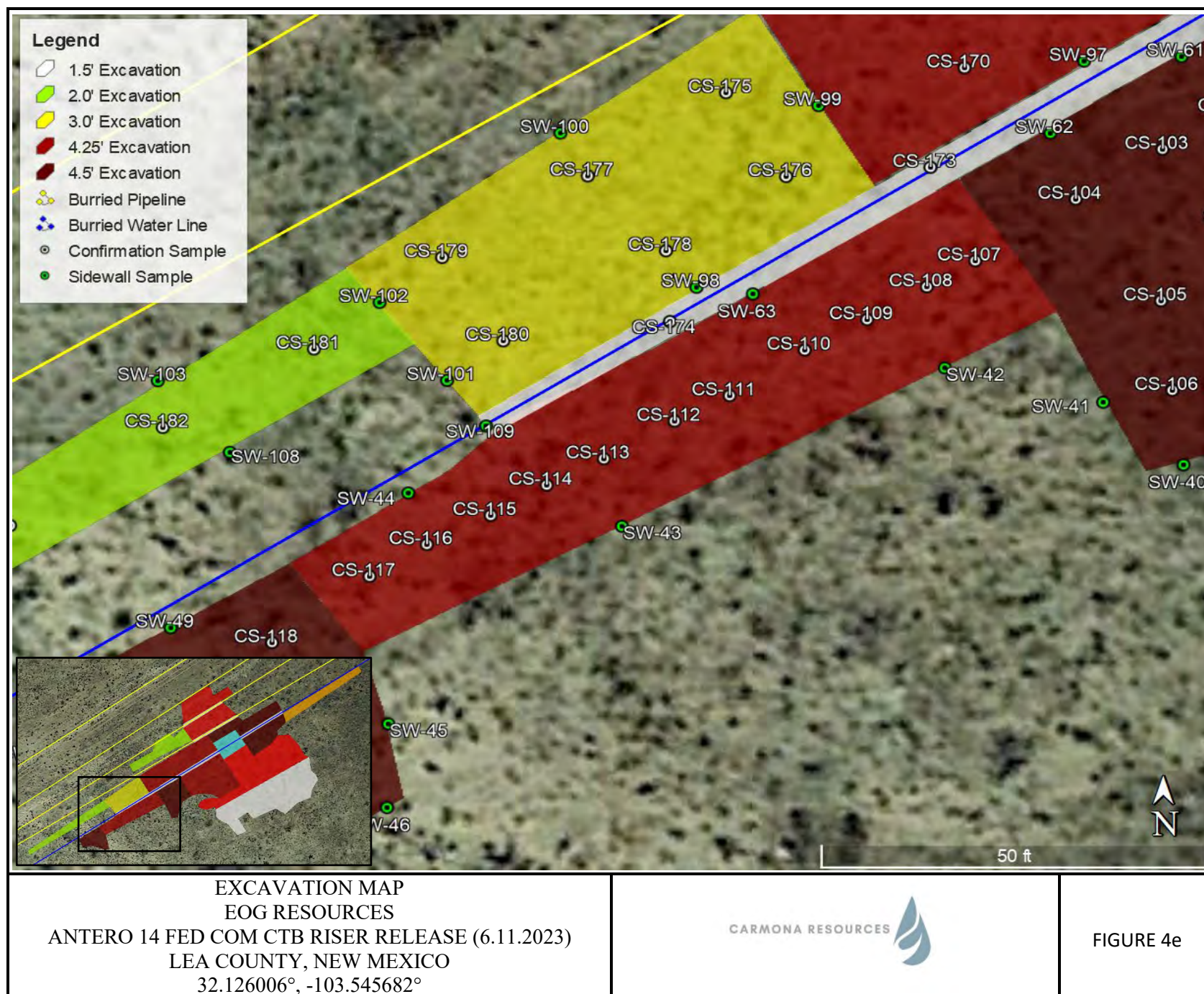


EXCAVATION MAP  
EOG RESOURCES  
ANTERO 14 FED COM CTB RISER RELEASE (6.11.2023)  
LEA COUNTY, NEW MEXICO  
32.126006°, -103.545682°

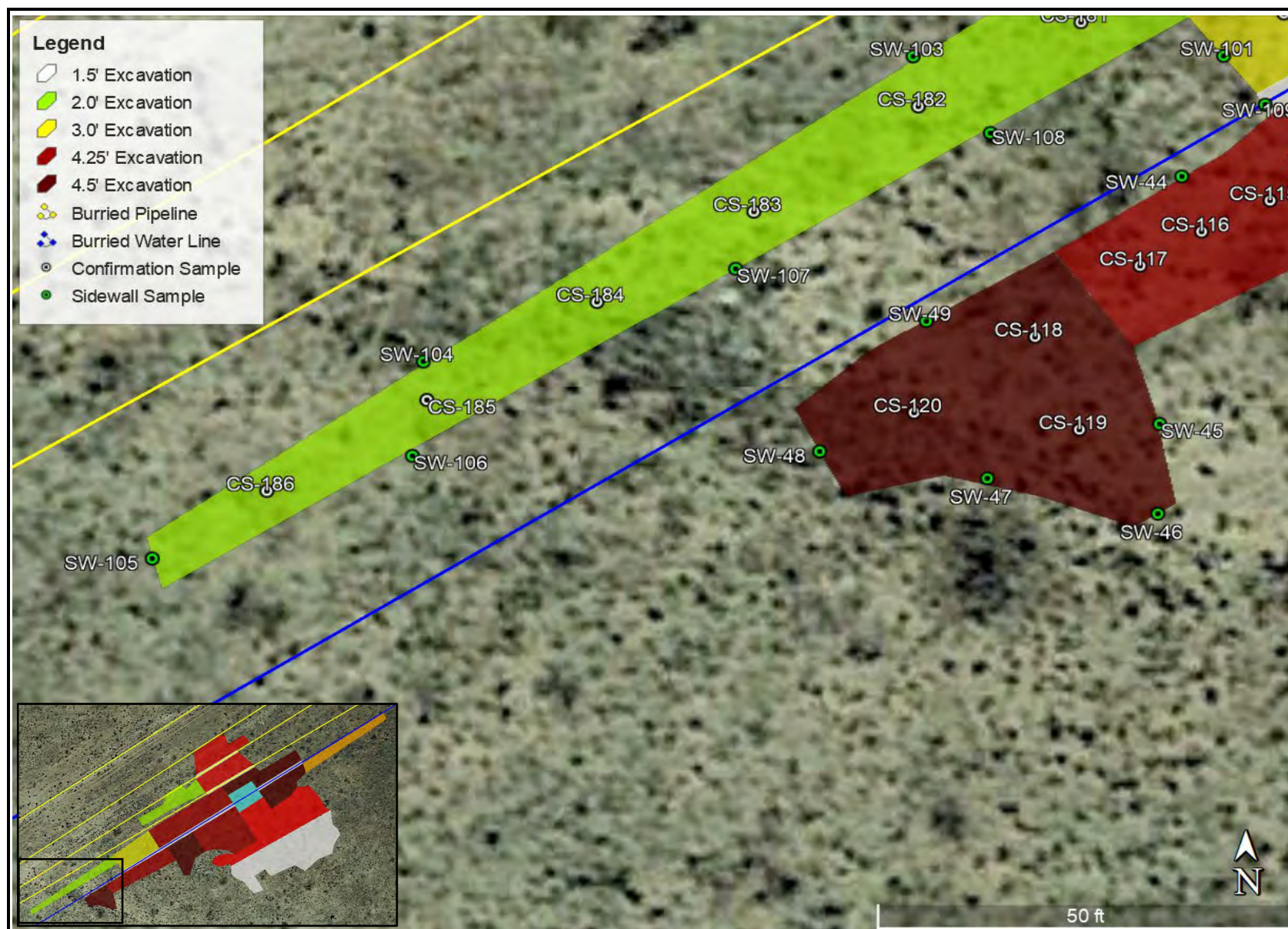


FIGURE 4d







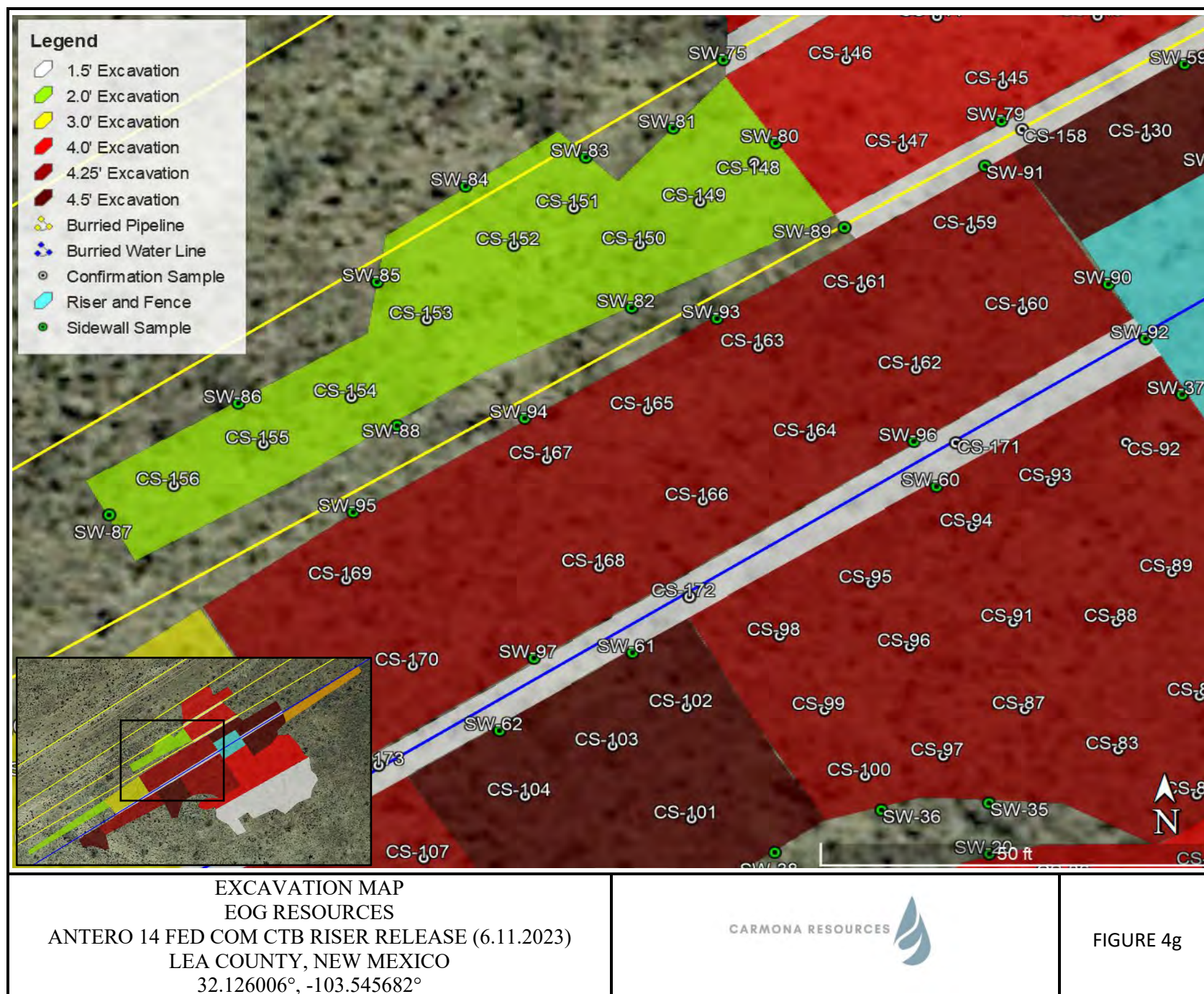


EXCAVATION MAP  
EOG RESOURCES  
ANTERO 14 FED COM CTB RISER RELEASE (6.11.2023)  
LEA COUNTY, NEW MEXICO  
32.126006°, -103.545682°

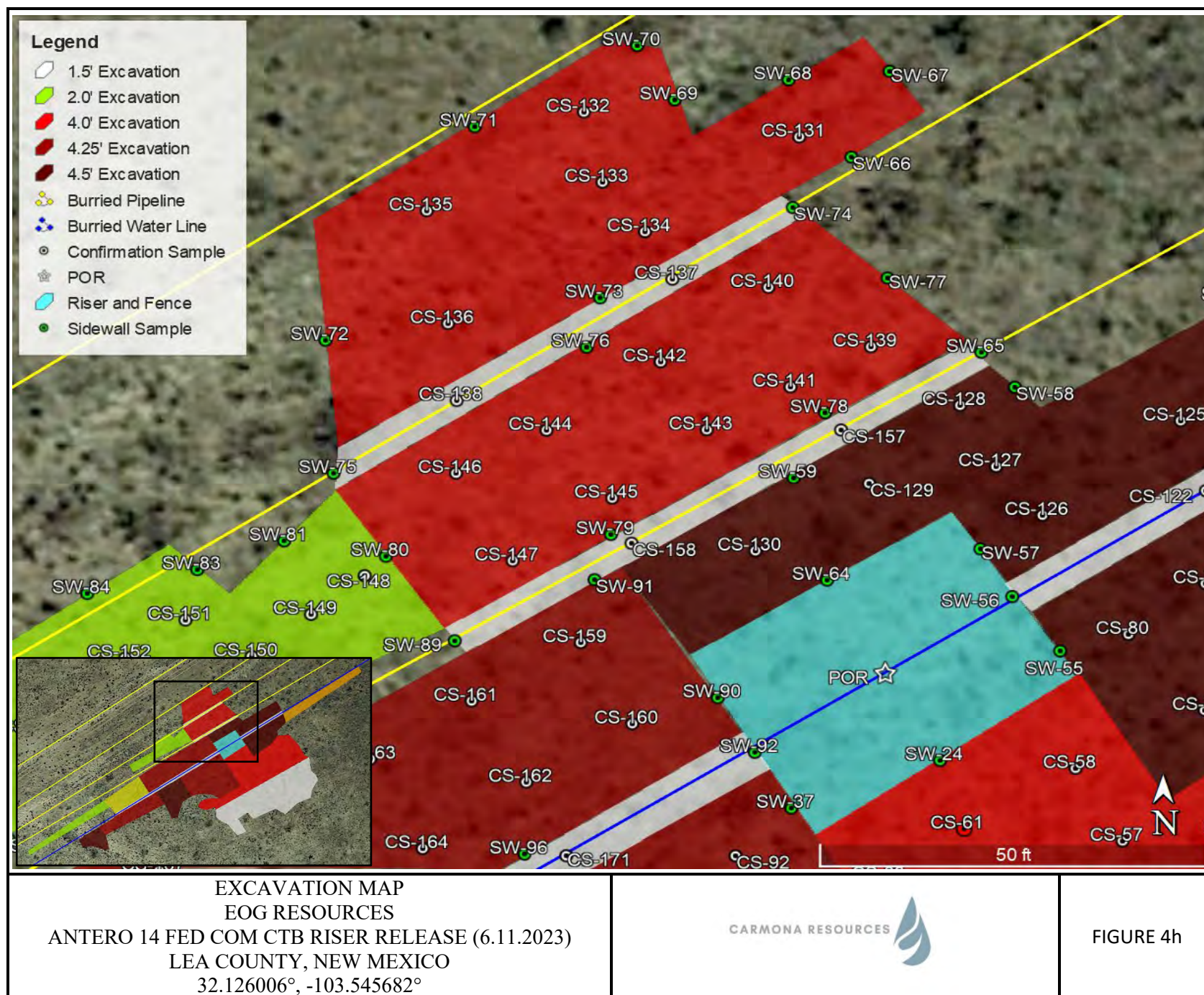


FIGURE 4f











## APPENDIX A

CARMONA RESOURCES



**Table 1**  
**EOG Resources**  
**Antero 14 Fed Com CTB Riser Release (06.11.23)**  
**Lea County, New Mexico**

| Sample ID                        | Date      | Depth (ft) | TPH (mg/kg) |       |       |             | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|----------------------------------|-----------|------------|-------------|-------|-------|-------------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
|                                  |           |            | GRO         | DRO   | MRO   | Total       |                 |                 |                      |                |                    |                  |
| S-1                              | 6/13/2023 | 0-1        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 6,240            |
|                                  | "         | 1.5        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 7,280            |
| T-1                              | 6/26/2023 | 0-1        | <10.0       | 27.1  | <10.0 | 27.1        | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 52,000           |
|                                  | "         | 1.5        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 3,440            |
|                                  | "         | 2          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 3,800            |
|                                  | "         | 3          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 3,000            |
|                                  | "         | 4          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 96.0             |
| S-2                              | 6/13/2023 | 0-1        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 7,520            |
|                                  | "         | 1.5        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 8,530            |
|                                  | "         | 2          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 8,400            |
| T-2                              | 6/26/2023 | 0-1        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 2,200            |
|                                  | "         | 1.5        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 1,360            |
|                                  | "         | 2          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 1,920            |
|                                  | "         | 3          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 3,760            |
|                                  | "         | 4          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 96.0             |
| S-3                              | 6/13/2023 | 0-1        | <10.0       | 22.3  | <10.0 | 22.3        | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 8,660            |
|                                  | "         | 1.5        | <10.0       | 39.9  | <10.0 | 39.9        | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 9,060            |
| T-3                              | 6/26/2023 | 0-1        | <10.0       | 15.3  | <10.0 | 15.3        | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 5,360            |
|                                  | "         | 1.5        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 5,600            |
|                                  | "         | 2          | <10.0       | 12.2  | <10.0 | 12.2        | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 5,600            |
|                                  | "         | 3          | <10.0       | 18.1  | <10.0 | 18.1        | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 6,640            |
|                                  | "         | 4          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 2,840            |
|                                  | "         | 5          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 1,720            |
|                                  | "         | 6          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 384              |
| S-4                              | 6/13/2023 | 0-1        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 9,060            |
|                                  | "         | 1.5        | <10.0       | 173   | 46.6  | 220         | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 21,000           |
|                                  | "         | 2          | <10.0       | 38.1  | 10.6  | 48.7        | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 8,000            |
| T-4                              | 6/26/2023 | 0-1        | <10.0       | 258   | 122   | 380         | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 20,800           |
|                                  | "         | 1.5        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 5,760            |
|                                  | "         | 2          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 2,520            |
|                                  | "         | 3          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 240              |
|                                  | "         | 4          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 768              |
|                                  | "         | 5          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 80.0             |
| Regulatory Criteria <sup>A</sup> |           |            | 1,000 mg/kg |       |       | 2,500 mg/kg | 10 mg/kg        |                 |                      |                | 50 mg/kg           | 10,000 mg/kg     |

(-) Not Analyzed

<sup>A</sup> – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons  
ft-feet

(S) Soil Sample

(T) Trench Sample

Removed



**Table 1**  
**EOG Resources**  
**Antero 14 Fed Com CTB Riser Release (06.11.23)**  
**Lea County, New Mexico**

| Sample ID                        | Date      | Depth (ft) | TPH (mg/kg) |       |       |             | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|----------------------------------|-----------|------------|-------------|-------|-------|-------------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
|                                  |           |            | GRO         | DRO   | MRO   | Total       |                 |                 |                      |                |                    |                  |
| S-5                              | 6/13/2023 | 0-1        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 7,600            |
|                                  | "         | 1.5        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 7,200            |
|                                  | "         | 2          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 4,240            |
|                                  | "         | 3          | 21.1        | 972   | 260   | 1,253       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 17,600           |
| T-5                              | 6/26/2023 | 0-1        | <10.0       | 37.8  | 17.7  | 55.5        | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 23,200           |
|                                  | "         | 1.5        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 4,720            |
|                                  | "         | 2          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 2,320            |
|                                  | "         | 3          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 2,440            |
|                                  | "         | 4          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| S-6                              | 6/13/2023 | 0-1        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 80.0             |
|                                  | "         | 1.5        | <10.0       | 28.6  | <10.0 | 28.6        | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 544              |
| S-7                              | 6/13/2023 | 0-1        | <10.0       | 38.4  | 10.5  | 48.9        | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 8,800            |
|                                  | "         | 1.5        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 5,440            |
| T-6                              | 6/26/2023 | 0-1        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 5,360            |
|                                  | "         | 1.5        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 240              |
|                                  | "         | 2          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 176              |
|                                  | "         | 3          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
|                                  | "         | 4          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| S-8                              | 6/13/2023 | 0-1        | <10.0       | 11.0  | <10.0 | 11.0        | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 6,800            |
|                                  | "         | 1.5        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 6,660            |
|                                  | "         | 2          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 8,260            |
|                                  | "         | 3          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 7,520            |
| T-7                              | 6/26/2023 | 0-1        | <10.0       | 36.4  | <10.0 | 36.4        | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 30,400           |
|                                  | "         | 1.5        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 4,400            |
|                                  | "         | 2          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 3,280            |
|                                  | "         | 3          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 1,230            |
|                                  | "         | 4          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| S-9                              | 6/13/2023 | 0-1        | <10.0       | 10.4  | <10.0 | 10.4        | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 5,040            |
|                                  | "         | 1.5        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 5,520            |
|                                  | "         | 2          | <10.0       | 11.4  | <10.0 | 11.4        | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 6,960            |
|                                  | "         | 3          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 6,480            |
| T-8                              | 6/26/2023 | 0-1        | <10.0       | 2,320 | 639   | 2,959       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 7,860            |
|                                  | "         | 1.5        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 6,400            |
|                                  | "         | 2          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 1,840            |
|                                  | "         | 3          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 384              |
|                                  | "         | 4          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| Regulatory Criteria <sup>A</sup> |           |            | 1,000 mg/kg |       |       | 2,500 mg/kg | 10 mg/kg        |                 |                      |                | 50 mg/kg           | 10,000 mg/kg     |

(-) Not Analyzed

<sup>A</sup> - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(S) Soil Sample

(T) Trench Sample

Removed

**Table 1**  
**EOG Resources**  
**Antero 14 Fed Com CTB Riser Release (06.11.23)**  
**Lea County, New Mexico**

| Sample ID                              | Date      | Depth (ft) | TPH (mg/kg) |       |       |             | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|----------------------------------------|-----------|------------|-------------|-------|-------|-------------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
|                                        |           |            | GRO         | DRO   | MRO   | Total       |                 |                 |                      |                |                    |                  |
| <b>S-10</b>                            | 6/13/2023 | 0-1        | <10.0       | 36.5  | <10.0 | 36.5        | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 4,960            |
|                                        | "         | 1.5        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 4,560            |
|                                        | "         | 2          | <10.0       | 35.4  | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 5,440            |
| <b>T-9</b>                             | 6/26/2023 | 0-1        | <10.0       | 184   | 79.0  | 263         | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 8,000            |
|                                        | "         | 1.5        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 4,400            |
|                                        | "         | 2          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 5,440            |
|                                        | "         | 3          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 5,520            |
|                                        | "         | 4          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 4,400            |
|                                        | "         | 5          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 3,000            |
|                                        | "         | 6          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 288              |
| <b>S-11</b>                            | 6/13/2023 | 0-1        | <10.0       | 23.0  | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 5,040            |
|                                        | "         | 1.5        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 3,160            |
| <b>T-10</b>                            | 6/27/2023 | 0-1        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 4,640            |
|                                        | "         | 1.5        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
|                                        | "         | 2          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
|                                        | "         | 3          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
|                                        | "         | 4          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| <b>S-12</b>                            | 6/13/2023 | 0-1        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 2,080            |
|                                        | "         | 1.5        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 2,440            |
| <b>T-11</b>                            | 6/27/2023 | 0-1        | <10.0       | 33.4  | <10.0 | 33.4        | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 19,800           |
|                                        | "         | 1.5        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
|                                        | "         | 2          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
|                                        | "         | 3          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
|                                        | "         | 4          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| <b>S-13</b>                            | 6/13/2023 | 0-1        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 4,280            |
|                                        | "         | 1.5        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 4,720            |
|                                        | "         | 2          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 6,240            |
| <b>T-12</b>                            | 6/27/2023 | 0-1        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 3,920            |
|                                        | "         | 1.5        | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 4,400            |
|                                        | "         | 2          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 6,240            |
|                                        | "         | 3          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 7,280            |
|                                        | "         | 4          | <10.0       | <10.0 | <10.0 | <10.0       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 224              |
| <b>Regulatory Criteria<sup>A</sup></b> |           |            | 1,000 mg/kg |       |       | 2,500 mg/kg | 10 mg/kg        |                 |                      |                | 50 mg/kg           | 10,000 mg/kg     |

(-) Not Analyzed

<sup>A</sup> – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(S) Soil Sample

(T) Trench Sample

Removed



**Table 1**  
**EOG Resources**  
**Antero 14 Fed Com CTB Riser Release (06.11.23)**  
**Lea County, New Mexico**

| Sample ID                               | Date      | Depth (ft) | TPH (mg/kg)        |       |       |                    | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg)    |
|-----------------------------------------|-----------|------------|--------------------|-------|-------|--------------------|-----------------|-----------------|----------------------|----------------|--------------------|---------------------|
|                                         |           |            | GRO                | DRO   | MRO   | Total              |                 |                 |                      |                |                    |                     |
| <b>S-14</b>                             | 6/13/2023 | 0-1        | <10.0              | 15.2  | <10.0 | 15.2               | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>5,520</b>        |
|                                         | "         | 1.5        | <10.0              | 21.5  | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>6,640</b>        |
|                                         | "         | 2          | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>6,240</b>        |
| <b>T-13</b>                             | 6/27/2023 | 0-1        | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>6,800</b>        |
|                                         | "         | 1.5        | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>5,760</b>        |
|                                         | "         | 2          | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>6,080</b>        |
|                                         | "         | 3          | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>8,080</b>        |
|                                         | "         | 4          | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>7,120</b>        |
|                                         | "         | 5          | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 7,120               |
|                                         | "         | 6          | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 6,160               |
|                                         | "         | 7          | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 2,400               |
|                                         | "         | 8          | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 128                 |
| <b>S-15</b>                             | 6/13/2023 | 0-1        | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>4,720</b>        |
|                                         | "         | 1.5        | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>6,000</b>        |
| <b>T-14</b>                             | 6/27/2023 | 0-1        | <10.0              | 94.0  | 43.5  | <b>137.5</b>       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>6,240</b>        |
|                                         | "         | 1.5        | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>3,520</b>        |
|                                         | "         | 2          | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>1,180</b>        |
|                                         | "         | 3          | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>2,680</b>        |
|                                         | "         | 4          | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>1,410</b>        |
|                                         | "         | 5          | <10.0              | 11.5  | <10.0 | 11.5               | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 128                 |
| <b>S-16</b>                             | 6/13/2023 | 0-1        | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>5,760</b>        |
|                                         | "         | 1.5        | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>6,000</b>        |
|                                         | "         | 2          | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>4,400</b>        |
|                                         | "         | 3          | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>1,040</b>        |
| <b>T-15</b>                             | 6/27/2023 | 0-1        | <10.0              | 37.8  | 17.7  | 55.5               | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>2,320</b>        |
|                                         | "         | 1.5        | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0                |
|                                         | "         | 2          | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0                |
|                                         | "         | 3          | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 64.0                |
|                                         | "         | 4          | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0                |
| <b>S-17</b>                             | 6/13/2023 | 0-1        | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>4,160</b>        |
|                                         | "         | 1.5        | <10.0              | <10.0 | <10.0 | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 416                 |
| <b>Regulatory Criteria <sup>A</sup></b> |           |            | <b>1,000 mg/kg</b> |       |       | <b>2,500 mg/kg</b> | <b>10 mg/kg</b> |                 |                      |                | <b>50 mg/kg</b>    | <b>10,000 mg/kg</b> |

(-) Not Analyzed

<sup>A</sup> – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(S) Soil Sample

(T) Trench Sample

Removed

**Table 1**  
**EOG Resources**  
**Antero 14 Fed Com CTB Riser Release (06.11.23)**  
**Lea County, New Mexico**

| Sample ID                              | Date      | Depth (ft) | TPH (mg/kg)        |              |            |                    | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg)    |
|----------------------------------------|-----------|------------|--------------------|--------------|------------|--------------------|-----------------|-----------------|----------------------|----------------|--------------------|---------------------|
|                                        |           |            | GRO                | DRO          | MRO        | Total              |                 |                 |                      |                |                    |                     |
| <b>S-18</b>                            | 6/13/2023 | 0-1        | <10.0              | 45.6         | <10.0      | 45.6               | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>5,200</b>        |
|                                        | "         | 1.5        | <10.0              | <b>139</b>   | 22.4       | <b>161</b>         | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>6,400</b>        |
|                                        | "         | 2          | <10.0              | <10.0        | <10.0      | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>7,060</b>        |
| <b>T-16</b>                            | 6/27/2023 | 0-1        | <10.0              | <b>907</b>   | <b>335</b> | <b>1,242</b>       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>15,200</b>       |
|                                        | "         | 1.5        | <10.0              | <10.0        | 24.3       | 24.3               | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>5,360</b>        |
|                                        | "         | 2          | <10.0              | <10.0        | <10.0      | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>4,640</b>        |
|                                        | "         | 3          | <10.0              | <10.0        | <10.0      | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>1,200</b>        |
|                                        | "         | 4          | <10.0              | <10.0        | <10.0      | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 240                 |
| <b>S-19</b>                            | 6/13/2023 | 0-1        | <10.0              | <10.0        | <10.0      | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>7,200</b>        |
|                                        | "         | 1.5        | <10.0              | <10.0        | <10.0      | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>7,330</b>        |
| <b>T-17</b>                            | 6/27/2023 | 0-1        | <10.0              | <b>1,390</b> | <b>559</b> | <b>1,949</b>       | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>23,600</b>       |
|                                        | "         | 1.5        | <10.0              | 10.8         | 38.4       | 49.2               | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>3,680</b>        |
|                                        | "         | 2          | <10.0              | <10.0        | 10.4       | 10.4               | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>944</b>          |
|                                        | "         | 3          | <10.0              | <10.0        | <10.0      | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>1,880</b>        |
|                                        | "         | 4          | <10.0              | <10.0        | <10.0      | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0                |
| <b>S-20</b>                            | 6/13/2023 | 0-1        | <10.0              | <10.0        | <10.0      | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <b>5,040</b>        |
|                                        | "         | 1.5        | <10.0              | <10.0        | <10.0      | <10.0              | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 352                 |
| <b>Regulatory Criteria<sup>A</sup></b> |           |            | <b>1,000 mg/kg</b> |              |            | <b>2,500 mg/kg</b> | <b>10 mg/kg</b> |                 |                      |                | <b>50 mg/kg</b>    | <b>10,000 mg/kg</b> |

(-) Not Analyzed

<sup>A</sup> – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(S) Soil Sample

(T) Trench Sample

Removed



**Table 1**  
**EOG Resources**  
**Antero 14 Fed Com CTB Riser Release (06.11.23)**  
**Lea County, New Mexico**

| Sample ID                        | Date      | Depth (ft) | TPH (mg/kg) |       |             |       | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|----------------------------------|-----------|------------|-------------|-------|-------------|-------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
|                                  |           |            | GRO         | DRO   | MRO         | Total |                 |                 |                      |                |                    |                  |
| H-1                              | 6/13/2023 | 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                              | 6/13/2023 | 0-0.5      | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| H-3                              | 6/13/2023 | 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                              | 6/13/2023 | 0-0.5      | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| H-5                              | 6/13/2023 | 0-0.5      | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| H-6                              | 6/13/2023 | 0-0.5      | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| H-7                              | 6/13/2023 | 0-0.5      | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| H-8                              | 6/13/2023 | 0-0.5      | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| H-9                              | 6/13/2023 | 0-0.5      | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| H-10                             | 6/13/2023 | 0-0.5      | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| H-11                             | 6/13/2023 | 0-0.5      | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| H-12                             | 6/13/2023 | 0-0.5      | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| H-13                             | 6/13/2023 | 0-0.5      | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16               |
| H-14                             | 6/13/2023 | 0-0.5      | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| H-15                             | 6/13/2023 | 0-0.5      | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| H-16                             | 6/13/2023 | 0-0.5      | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| H-17                             | 6/13/2023 | 0-0.5      | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| H-18                             | 6/13/2023 | 0-0.5      | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| Regulatory Criteria <sup>A</sup> |           |            | 1,000 mg/kg |       | 2,500 mg/kg |       | 10 mg/kg        |                 |                      |                | 50 mg/kg           | 10,000 mg/kg     |

(-) Not Analyzed

<sup>A</sup> – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(H) Horizontal Sample

**Table 2**  
**EOG Resources**  
**Antero 14 Fed Com CTB Riser Release (06.11.23)**  
**Lea County, New Mexico**

| Sample ID                        | Date      | Depth (ft) | TPH (mg/kg) |       |       |       | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|----------------------------------|-----------|------------|-------------|-------|-------|-------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
|                                  |           |            | GRO         | DRO   | MRO   | Total |                 |                 |                      |                |                    |                  |
| CS-1                             | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-2                             | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-3                             | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-4                             | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-5                             | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-6                             | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| CS-7                             | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-8                             | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-9                             | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-10                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-11                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-12                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-13                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-14                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-15                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-16                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-17                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| CS-18                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-19                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-20                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-21                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-22                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-23                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| CS-24                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| CS-25                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| CS-26                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-27                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| CS-28                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-29                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 64.0             |
| CS-30                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 64.0             |
| Regulatory Criteria <sup>A</sup> |           |            | 1,000 mg/kg |       |       |       | 2,500 mg/kg     | 10 mg/kg        |                      |                | 50 mg/kg           | 10,000 mg/kg     |

(-) Not Analyzed

<sup>A</sup> – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample



**Table 2**  
**EOG Resources**  
**Antero 14 Fed Com CTB Riser Release (06.11.23)**  
**Lea County, New Mexico**

| Sample ID                        | Date      | Depth (ft) | TPH (mg/kg) |       |       |       | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|----------------------------------|-----------|------------|-------------|-------|-------|-------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
|                                  |           |            | GRO         | DRO   | MRO   | Total |                 |                 |                      |                |                    |                  |
| CS-31                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 80.0             |
| CS-32                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 304              |
| CS-33                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| CS-34                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| CS-35                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 240              |
| CS-36                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 96.0             |
| CS-37                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 144              |
| CS-38                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| CS-39                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 128              |
| CS-40                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| CS-41                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 192              |
| CS-42                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| CS-43                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 224              |
| CS-44                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 64.0             |
| CS-45                            | 8/10/2023 | 4.0        | <10.0       | 10.9  | <10.0 | 10.9  | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 224              |
| CS-46                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 112              |
| CS-47                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| CS-48                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 112              |
| CS-49                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 320              |
| CS-50                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 112              |
| CS-51                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 80.0             |
| CS-52                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 112              |
| CS-53                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| CS-54                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 64.0             |
| CS-55                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 96.0             |
| CS-56                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 96.0             |
| CS-57                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 112              |
| CS-58                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 96.0             |
| CS-59                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| CS-60                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 144              |
| Regulatory Criteria <sup>A</sup> |           |            | 1,000 mg/kg |       |       |       | 2,500 mg/kg     | 10 mg/kg        |                      |                | 50 mg/kg           | 10,000 mg/kg     |

(-) Not Analyzed

<sup>A</sup> – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

**Table 2**  
**EOG Resources**  
**Antero 14 Fed Com CTB Riser Release (06.11.23)**  
**Lea County, New Mexico**

| Sample ID                        | Date      | Depth (ft) | TPH (mg/kg) |       |       |       | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|----------------------------------|-----------|------------|-------------|-------|-------|-------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
|                                  |           |            | GRO         | DRO   | MRO   | Total |                 |                 |                      |                |                    |                  |
| CS-61                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 64.0             |
| CS-62                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 64.0             |
| CS-63                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 128              |
| CS-64                            | 8/10/2023 | 3.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 80.0             |
| CS-65                            | 8/10/2023 | 3.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 144              |
| CS-66                            | 8/10/2023 | 3.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 176              |
| CS-67                            | 8/10/2023 | 3.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 208              |
| CS-68                            | 8/10/2023 | 3.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 80.0             |
| CS-69                            | 8/10/2023 | 3.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 160              |
| CS-70                            | 8/10/2023 | 3.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 128              |
| CS-71                            | 8/10/2023 | 3.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 176              |
| CS-72                            | 8/10/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 256              |
| CS-73                            | 8/10/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 2,600            |
| CS-74                            | 8/10/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 1,800            |
| CS-75                            | 8/10/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 2,040            |
| CS-76                            | 8/10/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 128              |
| CS-77                            | 8/10/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 176              |
| CS-78                            | 8/10/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 672              |
| CS-79                            | 8/10/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 816              |
| CS-80                            | 8/10/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 2,080            |
| CS-81                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 336              |
| CS-82                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 3000             |
| CS-83                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 464              |
| CS-84                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 864              |
| CS-85                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 336              |
| CS-86                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 1800             |
| CS-87                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 688              |
| CS-88                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 208              |
| CS-89                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 4800             |
| CS-90                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 2120             |
| Regulatory Criteria <sup>A</sup> |           |            | 1,000 mg/kg |       |       |       | 2,500 mg/kg     | 10 mg/kg        |                      |                | 50 mg/kg           | 10,000 mg/kg     |

(-) Not Analyzed

<sup>A</sup> – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

**Table 2**  
**EOG Resources**  
**Antero 14 Fed Com CTB Riser Release (06.11.23)**  
**Lea County, New Mexico**

| Sample ID                        | Date      | Depth (ft) | TPH (mg/kg) |       |       |       | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|----------------------------------|-----------|------------|-------------|-------|-------|-------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
|                                  |           |            | GRO         | DRO   | MRO   | Total |                 |                 |                      |                |                    |                  |
| CS-91                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 544              |
| CS-92                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 5360             |
| CS-93                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 944              |
| CS-94                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 384              |
| CS-95                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 320              |
| CS-96                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 176              |
| CS-97                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 1170             |
| CS-98                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 4160             |
| CS-99                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 6320             |
| CS-100                           | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 5360             |
| CS-101                           | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 4240             |
| CS-102                           | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 5680             |
| CS-103                           | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 5760             |
| CS-104                           | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 832              |
| CS-105                           | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 688              |
| CS-106                           | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 2600             |
| CS-107                           | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 416              |
| CS-108                           | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 6000             |
| CS-109                           | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 784              |
| CS-110                           | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 256              |
| CS-111                           | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 3720             |
| CS-112                           | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 3240             |
| CS-113                           | 8/18/2023 | 4.25       | <10.0       | 13.4  | <10.0 | 13.4  | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 1440             |
| CS-114                           | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 2280             |
| CS-115                           | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 2280             |
| CS-116                           | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 2440             |
| CS-117                           | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 3280             |
| CS-118                           | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 320              |
| CS-119                           | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 928              |
| CS-120                           | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 80.0             |
| Regulatory Criteria <sup>A</sup> |           |            | 1,000 mg/kg |       |       |       | 2,500 mg/kg     | 10 mg/kg        |                      |                | 50 mg/kg           | 10,000 mg/kg     |

(-) Not Analyzed

<sup>A</sup> – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample



**Table 2**  
**EOG Resources**  
**Antero 14 Fed Com CTB Riser Release (06.11.23)**  
**Lea County, New Mexico**

| Sample ID                        | Date      | Depth (ft) | TPH (mg/kg) |       |       |       | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|----------------------------------|-----------|------------|-------------|-------|-------|-------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
|                                  |           |            | GRO         | DRO   | MRO   | Total |                 |                 |                      |                |                    |                  |
| CS-121                           | 8/18/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 80.0             |
| CS-122                           | 8/18/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 80.0             |
| CS-123                           | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| CS-124                           | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| CS-125                           | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| CS-126                           | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 384              |
| CS-127                           | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| CS-128                           | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| CS-129                           | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| CS-130                           | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 80.0             |
| CS-131                           | 8/18/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| CS-132                           | 8/18/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 224              |
| CS-133                           | 8/18/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 176              |
| CS-134                           | 8/18/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 144              |
| CS-135                           | 8/18/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| CS-136                           | 8/18/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 96.0             |
| CS-137                           | 8/18/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| CS-138                           | 8/18/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| CS-139                           | 8/18/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| CS-140                           | 8/18/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| CS-141                           | 8/18/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| CS-142                           | 8/18/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 64.0             |
| CS-143                           | 8/18/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| CS-144                           | 8/18/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| CS-145                           | 8/18/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 64.0             |
| CS-146                           | 8/18/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| CS-147                           | 8/18/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 96.0             |
| CS-148                           | 8/18/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| CS-149                           | 8/18/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-150                           | 8/18/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| Regulatory Criteria <sup>A</sup> |           |            | 1,000 mg/kg |       |       |       | 2,500 mg/kg     | 10 mg/kg        |                      |                | 50 mg/kg           | 10,000 mg/kg     |

(-) Not Analyzed

<sup>A</sup> – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

**Table 2**  
**EOG Resources**  
**Antero 14 Fed Com CTB Riser Release (06.11.23)**  
**Lea County, New Mexico**

| Sample ID                        | Date      | Depth (ft) | TPH (mg/kg) |       |       |       | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|----------------------------------|-----------|------------|-------------|-------|-------|-------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
|                                  |           |            | GRO         | DRO   | MRO   | Total |                 |                 |                      |                |                    |                  |
| CS-151                           | 8/18/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-152                           | 8/18/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 160              |
| CS-153                           | 8/18/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-154                           | 8/18/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-155                           | 8/18/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-156                           | 8/18/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-157                           | 8/18/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| CS-158                           | 8/18/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-159                           | 8/21/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 496              |
| CS-160                           | 8/21/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 1,760            |
| CS-161                           | 8/21/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 272              |
| CS-162                           | 8/21/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 1,730            |
| CS-163                           | 8/21/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 160              |
| CS-164                           | 8/21/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 416              |
| CS-165                           | 8/21/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 112              |
| CS-166                           | 8/21/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 1,070            |
| CS-167                           | 8/21/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 80.0             |
| CS-168                           | 8/21/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 1,390            |
| CS-169                           | 8/21/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 144              |
| CS-170                           | 8/21/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 2,400            |
| CS-171                           | 8/24/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-172                           | 8/24/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-173                           | 8/24/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| CS-174                           | 8/24/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| CS-175                           | 8/24/2023 | 3.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| CS-176                           | 8/24/2023 | 3.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-177                           | 8/24/2023 | 3.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-178                           | 8/24/2023 | 3.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-179                           | 8/24/2023 | 3.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-180                           | 8/24/2023 | 3.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-181                           | 8/24/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-182                           | 8/24/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-183                           | 8/24/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-184                           | 8/24/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-185                           | 8/24/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| CS-186                           | 8/24/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| Regulatory Criteria <sup>a</sup> |           |            | 1,000 mg/kg |       |       |       | 2,500 mg/kg     | 10 mg/kg        |                      |                | 50 mg/kg           | 10,000 mg/kg     |

(-) Not Analyzed

<sup>a</sup> - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

**Table 2**  
**EOG Resources**  
**Antero 14 Fed Com CTB Riser Release (06.11.23)**  
**Lea County, New Mexico**

| Sample ID                        | Date      | Depth (ft) | TPH (mg/kg) |       |       |       | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|----------------------------------|-----------|------------|-------------|-------|-------|-------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
|                                  |           |            | GRO         | DRO   | MRO   | Total |                 |                 |                      |                |                    |                  |
| SW-1                             | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-2                             | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-3                             | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-4                             | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-5                             | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-6                             | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-7                             | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-8                             | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| SW-9                             | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| SW-10                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 64.0             |
| SW-11                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 144              |
| SW-12                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| SW-13                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 160              |
| SW-14                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| SW-15                            | 8/10/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-16                            | 8/10/2023 | 2.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-17                            | 8/10/2023 | 2.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-18                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-19                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-20                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 80.0             |
| SW-21                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 128              |
| SW-22                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| SW-23                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 112              |
| SW-24                            | 8/10/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 96.0             |
| SW-25                            | 8/10/2023 | 3.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 80.0             |
| SW-26                            | 8/10/2023 | 3.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 128              |
| SW-27                            | 8/10/2023 | 3.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 288              |
| SW-28                            | 8/10/2023 | 3.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 64.0             |
| SW-29                            | 8/10/2023 | 3.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 128              |
| SW-30                            | 8/10/2023 | 3.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 80.0             |
| Regulatory Criteria <sup>A</sup> |           |            | 1,000 mg/kg |       |       |       | 2,500 mg/kg     | 10 mg/kg        |                      |                | 50 mg/kg           | 10,000 mg/kg     |

(-) Not Analyzed

<sup>A</sup> – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(SW) Sidewall Sample



**Table 2**  
**EOG Resources**  
**Antero 14 Fed Com CTB Riser Release (06.11.23)**  
**Lea County, New Mexico**

| Sample ID                        | Date      | Depth (ft) | TPH (mg/kg) |       |             |       | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|----------------------------------|-----------|------------|-------------|-------|-------------|-------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
|                                  |           |            | GRO         | DRO   | MRO         | Total |                 |                 |                      |                |                    |                  |
| SW-31                            | 8/10/2023 | 3.5        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 160              |
| SW-32                            | 8/10/2023 | 1.0        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 928              |
|                                  | 8/18/2023 | 1.0        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| SW-33                            | 8/10/2023 | 4.5        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 128              |
| SW-34                            | 8/10/2023 | 4.5        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 112              |
| SW-35                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 192              |
| SW-36                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 80.0             |
| SW-37                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| SW-38                            | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| SW-39                            | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-40                            | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| SW-41                            | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| SW-42                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| SW-43                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| SW-44                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| SW-45                            | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| SW-46                            | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| SW-47                            | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| SW-48                            | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| SW-49                            | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| SW-50                            | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| SW-51                            | 8/18/2023 | 1.5        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 64.0             |
| SW-52                            | 8/18/2023 | 3.0        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| SW-53                            | 8/18/2023 | 3.0        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 96.0             |
| SW-54                            | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 80.0             |
| SW-55                            | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| SW-56                            | 8/18/2023 | 1.5        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| SW-57                            | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 128              |
| SW-58                            | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| SW-59                            | 8/18/2023 | 3.0        | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| SW-60                            | 8/18/2023 | 2.75       | <10.0       | <10.0 | <10.0       | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| Regulatory Criteria <sup>A</sup> |           |            | 1,000 mg/kg |       | 2,500 mg/kg |       | 10 mg/kg        |                 |                      |                | 50 mg/kg           | 10,000 mg/kg     |

(-) Not Analyzed

<sup>A</sup> - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(SW) Sidewall Sample

Removed

**Table 2**  
**EOG Resources**  
**Antero 14 Fed Com CTB Riser Release (06.11.23)**  
**Lea County, New Mexico**

| Sample ID                        | Date      | Depth (ft) | TPH (mg/kg) |       |       |       | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|----------------------------------|-----------|------------|-------------|-------|-------|-------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
|                                  |           |            | GRO         | DRO   | MRO   | Total |                 |                 |                      |                |                    |                  |
| SW-61                            | 8/18/2023 | 3.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| SW-62                            | 8/18/2023 | 3.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| SW-63                            | 8/18/2023 | 2.75       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-64                            | 8/18/2023 | 4.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| SW-65                            | 8/18/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| SW-66                            | 8/18/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-67                            | 8/18/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| SW-68                            | 8/18/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| SW-69                            | 8/18/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 80.0             |
| SW-70                            | 8/18/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 112              |
| SW-71                            | 8/18/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 80.0             |
| SW-72                            | 8/18/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| SW-73                            | 8/18/2023 | 2.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| SW-74                            | 8/18/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| SW-75                            | 8/18/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 80.0             |
| SW-76                            | 8/18/2023 | 2.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 64.0             |
| SW-77                            | 8/18/2023 | 4.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| SW-78                            | 8/18/2023 | 2.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| SW-79                            | 8/18/2023 | 2.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| SW-80                            | 8/18/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 224              |
| SW-81                            | 8/18/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| SW-82                            | 8/18/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| SW-83                            | 8/18/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-84                            | 8/18/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| SW-85                            | 8/18/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-86                            | 8/18/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-87                            | 8/18/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| SW-88                            | 8/18/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 48.0             |
| SW-89                            | 8/18/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| SW-90                            | 8/18/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| Regulatory Criteria <sup>A</sup> |           |            | 1,000 mg/kg |       |       |       | 2,500 mg/kg     | 10 mg/kg        |                      |                | 50 mg/kg           | 10,000 mg/kg     |

(-) Not Analyzed

<sup>A</sup> - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons  
ft-feet

(SW) Sidewall Sample

**Table 2**  
**EOG Resources**  
**Antero 14 Fed Com CTB Riser Release (06.11.23)**  
**Lea County, New Mexico**

| Sample ID                        | Date      | Depth (ft) | TPH (mg/kg) |       |       |       | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|----------------------------------|-----------|------------|-------------|-------|-------|-------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
|                                  |           |            | GRO         | DRO   | MRO   | Total |                 |                 |                      |                |                    |                  |
| SW-91                            | 8/21/2023 | 2.75       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 192              |
| SW-92                            | 8/21/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 128              |
| SW-93                            | 8/21/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| SW-94                            | 8/21/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| SW-95                            | 8/21/2023 | 4.25       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| SW-96                            | 8/21/2023 | 2.75       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-97                            | 8/21/2023 | 2.75       | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 368              |
| SW-98                            | 8/24/2023 | 3.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-99                            | 8/24/2023 | 3.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-100                           | 8/24/2023 | 3.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-101                           | 8/24/2023 | 3.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-102                           | 8/24/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-103                           | 8/24/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-104                           | 8/24/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-105                           | 8/24/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-106                           | 8/24/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-107                           | 8/24/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | <16.0            |
| SW-108                           | 8/24/2023 | 2.0        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 16.0             |
| SW-109                           | 8/24/2023 | 1.5        | <10.0       | <10.0 | <10.0 | <10.0 | <0.050          | <0.050          | <0.050               | <0.150         | <0.300             | 32.0             |
| Regulatory Criteria <sup>A</sup> |           |            | 1,000 mg/kg |       |       |       | 2,500 mg/kg     | 10 mg/kg        |                      |                | 50 mg/kg           | 10,000 mg/kg     |

(-) Not Analyzed

<sup>A</sup> – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons  
ft-feet

(SW) Sidewall Sample



## APPENDIX B

CARMONA RESOURCES



## PHOTOGRAPHIC LOG

## EOG Resources

## Photograph No. 1

**Facility:** Antero 14 Fed Com CTB Riser Release (06.11.23)

**County:** Lea County, New Mexico

**Description:**

View Southwest, area of CS-1 through CS-34.



## Photograph No. 2

**Facility:** Antero 14 Fed Com CTB Riser Release (06.11.23)

**County:** Lea County, New Mexico

**Description:**

View East, area of CS-1 through CS-34.



## Photograph No. 3

**Facility:** Antero 14 Fed Com CTB Riser Release (06.11.23)

**County:** Lea County, New Mexico

**Description:**

View Northeast, area of CS-35 through CS-63 and CS-81 through CS-100.





# PHOTOGRAPHIC LOG

## EOG Resources

### Photograph No. 4

**Facility:** Antero 14 Fed Com CTB Riser Release (06.11.23)

**County:** Lea County, New Mexico

**Description:**

View Southwest, area of CS-35 through CS-63 and CS-81 through CS-100.



### Photograph No. 5

**Facility:** Antero 14 Fed Com CTB Riser Release (06.11.23)

**County:** Lea County, New Mexico

**Description:**

View Southwest, area of CS-64 through CS-71.



### Photograph No. 6

**Facility:** Antero 14 Fed Com CTB Riser Release (06.11.23)

**County:** Lea County, New Mexico

**Description:**

View East, area of CS-64 through CS-80.





# PHOTOGRAPHIC LOG

## EOG Resources

### Photograph No. 7

**Facility:** Antero 14 Fed Com CTB Riser Release (06.11.23)

**County:** Lea County, New Mexico

**Description:**

View South, area of CS-101 through CS-120.



### Photograph No. 8

**Facility:** Antero 14 Fed Com CTB Riser Release (06.11.23)

**County:** Lea County, New Mexico

**Description:**

View Northeast, area of CS-101 through CS-120.



### Photograph No. 9

**Facility:** Antero 14 Fed Com CTB Riser Release (06.11.23)

**County:** Lea County, New Mexico

**Description:**

View East, area of CS-121 through CS-128.





## PHOTOGRAPHIC LOG

## EOG Resources

## Photograph No. 10

**Facility:** Antero 14 Fed Com CTB Riser Release (06.11.23)

**County:** Lea County, New Mexico

**Description:**

View South, area of CS-128 through CS-130, CS-157 and CS-158.



## Photograph No. 11

**Facility:** Antero 14 Fed Com CTB Riser Release (06.11.23)

**County:** Lea County, New Mexico

**Description:**

View West, area of CS-131 through CS-138.



## Photograph No. 12

**Facility:** Antero 14 Fed Com CTB Riser Release (06.11.23)

**County:** Lea County, New Mexico

**Description:**

View West, area of CS-140 through CS-147.





# PHOTOGRAPHIC LOG

## EOG Resources

### Photograph No. 13

**Facility:** Antero 14 Fed Com CTB Riser Release (06.11.23)

**County:** Lea County, New Mexico

**Description:**

View Northeast, area of CS-148 through CS-156.



### Photograph No. 14

**Facility:** Antero 14 Fed Com CTB Riser Release (06.11.23)

**County:** Lea County, New Mexico

**Description:**

View Southwest, area of CS-159 through CS-180.



### Photograph No. 15

**Facility:** Antero 14 Fed Com CTB Riser Release (06.11.23)

**County:** Lea County, New Mexico

**Description:**

View East, area of CS-181 through CS-186.





## 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    | NAPP2316553511 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

## Release Notification

### Responsible Party

|                                                                |                                             |
|----------------------------------------------------------------|---------------------------------------------|
| Responsible Party EOG Resources                                | OGRID 7377                                  |
| Contact Name James Kennedy                                     | Contact Telephone 432-848-9146              |
| Contact email james_kennedy@eogresources.com                   | Incident # (assigned by OCD) nAPP2316553511 |
| Contact mailing address 5509 Champions Drive Midland, TX 79706 |                                             |

### Location of Release Source

Latitude 32.126006 Longitude -103.545682  
(NAD 83 in decimal degrees to 5 decimal places)

|                                               |                         |
|-----------------------------------------------|-------------------------|
| Site Name Antero 14 Fed Com CTB Riser Release | Site Type Transfer line |
| Date Release Discovered 06/11/2023            | API# (if applicable)    |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| N           | 14      | 25S      | 33E   | Lea    |

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

|                                                    |                                                                                |                                                                     |
|----------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <input type="checkbox"/> Crude Oil                 | Volume Released (bbls) 0                                                       | Volume Recovered (bbls)                                             |
| <input checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 200                                                     | Volume Recovered (bbls) 0                                           |
|                                                    | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <input type="checkbox"/> Condensate                | Volume Released (bbls) 0                                                       | Volume Recovered (bbls) 0                                           |
| <input type="checkbox"/> Natural Gas               | Volume Released (Mcf)                                                          | Volume Recovered (Mcf)                                              |
| <input type="checkbox"/> Other (describe)          | Volume/Weight Released (provide units)                                         | Volume/Weight Recovered (provide units)                             |

A transfer line ruptured, causing produced water to be released to the ROW.

|                |                |
|----------------|----------------|
| Incident ID    | NAPP2316553511 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

|                                                                                                                                                                                                                             |                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Was this a major release as defined by 19.15.29.7(A) NMAC?<br><br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                       | If YES, for what reason(s) does the responsible party consider this a major release?<br>Greater than 25 bbls |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?<br>Yes, James Kennedy, <a href="mailto:OCD.enviro@emnrd.nm.gov">OCD.enviro@emnrd.nm.gov</a> , 06/12/23, email. |                                                                                                              |

## Initial Response

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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| <input checked="" type="checkbox"/> The source of the release has been stopped.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                |
| <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                |
| <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                |
| <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                |
| If all the actions described above have <u>not</u> been undertaken, explain why:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                |
| Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.                                                                                                                                                                                                                                                                                                                                                                                      |                                |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |                                |
| Printed Name: <u>James F. Kennedy</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Title: <u>Env Specialist</u>   |
| Signature: <u></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Date: <u>06/14/2023</u>        |
| email: <u>james_kennedy@eogresouirces.com</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Telephone: <u>432-258-4346</u> |
| <b><u>OCD Only</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                |
| Received by: <u>Jocelyn Harimon</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Date: <u>06/15/2023</u>        |



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

## Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

|                                                                                                                                                                                                 |                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| What is the shallowest depth to groundwater beneath the area affected by the release?                                                                                                           | _____ (ft bgs)                                           |
| Did this release impact groundwater or surface water?                                                                                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> 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)?                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> 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? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?                                                                                                | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland?                                                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine?                                                                                                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology?                                                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain?                                                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?                                                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No |

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

### **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 wells.
- ☐ 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

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.

State of New Mexico  
Oil Conservation Division

Page 4

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

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

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: James F Kennedy Date: \_\_\_\_\_

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

|                |  |
|----------------|--|
| 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 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: James F Kennedy Date: \_\_\_\_\_

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_



---

**From:** Wells, Shelly, EMNRD  
**Sent:** Tuesday, August 8, 2023 12:41 PM  
**To:** Mike Carmona  
**Cc:** Bratcher, Michael, EMNRD; Velez, Nelson, EMNRD  
**Subject:** RE: [EXTERNAL] EOG Antero New Riser Spill (6.11.23)- Sampling Notification

Hi Mike,

The OCD has received your notification. 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.

Thank you,

Shelly

Shelly Wells \* Environmental Specialist-Advanced  
Environmental Bureau  
EMNRD-Oil Conservation Division  
1220 S. St. Francis Drive | Santa Fe, NM 87505  
(505)469-7520 | [Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>

---

**From:** Mike Carmona <[Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com)>  
**Sent:** Tuesday, August 8, 2023 9:46 AM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Cc:** Conner Moehring <[Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)>; James Kennedy <[James\\_Kennedy@eogresources.com](mailto:James_Kennedy@eogresources.com)>; Devin Dominguez <[Ddominguez@carmonaresources.com](mailto:Ddominguez@carmonaresources.com)>  
**Subject:** [EXTERNAL] EOG Antero New Riser Spill (6.11.23)- Sampling Notification

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

All,

This email serves as a notification for confirmation sampling on the EOG Antero New Riser Spill (6.11.23). Sampling is scheduled to begin on Thursday, August 10<sup>th</sup>, around 11:30 a.m. Mountain Time and continuing through the following week. Carmona Resources personnel will be on-site to collect the confirmation samples.

EOG - Antero Riser  
Sec 14 T25S R33E Unit N  
32.125702, -103.546422  
Lea County, New Mexico

Mike J. Carmona  
310 West Wall Street, Suite 500  
Midland TX, 79701  
M: 432-813-1992  
[Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com)

CARMONA RESOURCES



---

**From:** Wells, Shelly, EMNRD  
**Sent:** Wednesday, August 16, 2023 9:54 AM  
**To:** Conner Moehring  
**Cc:** Bratcher, Michael, EMNRD; Velez, Nelson, EMNRD  
**Subject:** RE: [EXTERNAL] EOG Antero New Riser Spill (6.11.23) - Sampling Notification

Hi Conner,

The OCD has received your notification. 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.

Thank you,

Shelly

[Shelly Wells](#) \* Environmental Specialist-Advanced  
Environmental Bureau  
EMNRD-Oil Conservation Division  
1220 S. St. Francis Drive | Santa Fe, NM 87505  
(505)469-7520 | [Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>

---

**From:** Conner Moehring <[Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)>  
**Sent:** Tuesday, August 15, 2023 6:10 PM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Cc:** James Kennedy <[James\\_Kennedy@eogresources.com](mailto:James_Kennedy@eogresources.com)>; Mike Carmona <[Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com)>; Devin Dominguez <[Ddominguez@carmonaresources.com](mailto:Ddominguez@carmonaresources.com)>  
**Subject:** [EXTERNAL] EOG Antero New Riser Spill (6.11.23) - Sampling Notification

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

Good Afternoon,

This email serves as a notification for confirmation sampling on the EOG Antero New Riser Spill (6.11.23). Sampling is scheduled to begin on Friday, August 18<sup>th</sup>, around 8:00 a.m. Mountain Time. Carmona Resources personnel will be on-site to collect the confirmation samples.

EOG - Antero Riser  
Sec 14 T25S R33E Unit N  
32.125702, -103.546422  
Lea County, New Mexico

Conner R. Moehring  
310 West Wall Street, Suite 500



Midland Texas, 79701

M: 432-813-6823

[Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)

CARMONA RESOURCES



## APPENDIX D

CARMONA RESOURCES





Nearest water well

EOG Resources

**Legend**

- 0.32 Miles
- 0.50 Mile Radius
- 0.90 Miles
- 1.17 Miles
- 1.28 Miles
- 1.54 Miles
- Antero Riser
- Groundwater Determination Bore
- NMSEO Water Well





Low Karst

EOG Resources

Legend

- Antero Riser
- Low

Antero Riser



3000 ft



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

| POD Number                        | POD Sub-Code | basin | County | Q 64 | Q 16 | Q 4 | Sec | Tws | Rng | X      | Y        | Distance | Depth Well | Depth Water | Water Column |
|-----------------------------------|--------------|-------|--------|------|------|-----|-----|-----|-----|--------|----------|----------|------------|-------------|--------------|
| <a href="#">C 02373 CLW317846</a> | O            | CUB   | LE     | 2    | 1    | 1   | 13  | 25S | 33E | 638518 | 3556544* | 1877     | 625        | 185         | 440          |
| <a href="#">C 02373 S</a>         |              | CUB   | LE     | 1    | 2    | 1   | 13  | 25S | 33E | 638721 | 3556549* | 2036     | 625        | 185         | 440          |
| <a href="#">C 02313</a>           |              | CUB   | LE     | 2    | 3    | 3   | 26  | 25S | 33E | 636971 | 3552098* | 3199     | 150        | 110         | 40           |

Average Depth to Water: **160 feet**

Minimum Depth: **110 feet**

Maximum Depth: **185 feet**

Record Count: 3

UTMNAD83 Radius Search (in meters):

**Easting (X):** 637117

**Northing (Y):** 3555294

**Radius:** 4000

\*UTM location was derived from PLSS - see Help

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WATER COLUMN/ AVERAGE  
DEPTH TO WATER

## Borehole ID:

## Soil Drilling Log

Project Name : EOG Caballo sec 23  
 Project No. :  
 Location : Lea County, NM  
 Coordinates : 32.12283, -103.54208  
 Elevation : N/A

Date : Tuesday, September 21, 2021  
 Sampler : John Thurston  
 Driller : Scarborough  
 Method : Air Rotary

| Depth (ft.) | WL | Soil Description                            | Chloride<br>Field Test<br>(ppm) | Field<br>Titration Test<br>(ppm) | Depth (ft.) | WL | Soil Description                                             | Chloride<br>Field Test<br>(ppm) | Field<br>Titration Test<br>(ppm) |
|-------------|----|---------------------------------------------|---------------------------------|----------------------------------|-------------|----|--------------------------------------------------------------|---------------------------------|----------------------------------|
| 0           |    | red/brown dry loose silty sand occ caliche  | 126                             | N/S N/O                          | 50          |    | reddish orange silty sand, trace caliche                     |                                 |                                  |
|             |    | lt brown silty sand                         | 131                             | N/S N/O                          |             |    | Total Depth = 55'                                            |                                 |                                  |
| 5           |    | red/brown silty sand, some poorly indurated | 174                             | N/S N/O                          | 55          |    | reddish orange silty sand, increased caliche, dry bottoms up |                                 |                                  |
|             |    | red silty sand, dry loose                   | 447                             | N/S N/O                          |             |    |                                                              |                                 |                                  |
| 10          |    | White caliche w/ some red sand              | 502                             | N/S N/O                          | 60          |    |                                                              |                                 |                                  |
|             |    |                                             |                                 |                                  |             |    |                                                              |                                 |                                  |
| 15          |    | Dry loose lt red silty sand                 |                                 |                                  | 65          |    |                                                              |                                 |                                  |
|             |    |                                             |                                 |                                  |             |    |                                                              |                                 |                                  |
| 20          |    | Dry loose lt red silty sand                 |                                 |                                  | 70          |    |                                                              |                                 |                                  |
|             |    |                                             |                                 |                                  |             |    |                                                              |                                 |                                  |
| 25          |    | lt red dry loose calcic sand                |                                 |                                  | 75          |    |                                                              |                                 |                                  |
|             |    |                                             |                                 |                                  |             |    |                                                              |                                 |                                  |
| 30          |    | lt red dry loose calcic sand                |                                 |                                  | 80          |    |                                                              |                                 |                                  |
|             |    |                                             |                                 |                                  |             |    |                                                              |                                 |                                  |
| 35          |    | lt red dry loose calcic sand                |                                 |                                  | 85          |    |                                                              |                                 |                                  |
|             |    |                                             |                                 |                                  |             |    |                                                              |                                 |                                  |
| 40          |    | reddish orange silty sand, trace caliche    |                                 |                                  | 90          |    |                                                              |                                 |                                  |
|             |    |                                             |                                 |                                  |             |    |                                                              |                                 |                                  |
| 45          |    | reddish orange silty sand, trace caliche    |                                 |                                  | 95          |    |                                                              |                                 |                                  |
|             |    |                                             |                                 |                                  |             |    |                                                              |                                 |                                  |
| 50          |    |                                             |                                 |                                  | 100         |    |                                                              |                                 |                                  |

\* H.O. = Heavy Odor

\* L.O. = Low Odor

\* H.S. = Heavy Staining

\* L.S. = Low Staining



|                                                                                        |                |             |          |           |                       |                |                  | Sample Name: BH01                                                                                                      |  | Date: 1/3/2023     |  |  |  |  |  |
|----------------------------------------------------------------------------------------|----------------|-------------|----------|-----------|-----------------------|----------------|------------------|------------------------------------------------------------------------------------------------------------------------|--|--------------------|--|--|--|--|--|
|                                                                                        |                |             |          |           |                       |                |                  | Site Name: Rojo B Poly Line Rupture                                                                                    |  |                    |  |  |  |  |  |
|                                                                                        |                |             |          |           |                       |                |                  | Incident Number: nAPP2216138632                                                                                        |  |                    |  |  |  |  |  |
|                                                                                        |                |             |          |           |                       |                |                  | Job Number: 03C2012002                                                                                                 |  |                    |  |  |  |  |  |
| <b>LITHOLOGIC / SOIL SAMPLING LOG</b>                                                  |                |             |          |           |                       |                |                  | Logged By: CS / MR                                                                                                     |  | Method: Air Rotary |  |  |  |  |  |
| Coordinates: 32.123027, -103.561391                                                    |                |             |          |           |                       |                |                  | Hole Diameter: 6"                                                                                                      |  | Total Depth: 78'   |  |  |  |  |  |
| Comments: Soil boring was advanced to a total depth of 87' bgs. No water was observed. |                |             |          |           |                       |                |                  |                                                                                                                        |  |                    |  |  |  |  |  |
| Moisture Content                                                                       | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions                                                                                                |  |                    |  |  |  |  |  |
|                                                                                        |                |             |          |           |                       | 0              | CCHE             | (0-30'), CALICHE, coarse grain, well graded, white to tan, dry, no stain or odor.                                      |  |                    |  |  |  |  |  |
| Dry                                                                                    | -              | -           | N        | -         | -                     | 10             |                  |                                                                                                                        |  |                    |  |  |  |  |  |
| Dry                                                                                    | -              | -           | N        | -         | -                     | 20             |                  | @20' color change to pink/tan                                                                                          |  |                    |  |  |  |  |  |
| Dry                                                                                    | -              | -           | N        | -         | -                     | 30             | SP-SM            | (30-78'), SAND, medium to fine grain, poorly graded with trace caliche nodules, red to orange, dry, no stain, no odor. |  |                    |  |  |  |  |  |
| Dry                                                                                    | -              | -           | N        | -         | -                     | 40             |                  |                                                                                                                        |  |                    |  |  |  |  |  |
| Dry                                                                                    | -              | -           | N        | -         | -                     | 50             |                  | @50', slightly cohesive with trace clay                                                                                |  |                    |  |  |  |  |  |
| Dry                                                                                    | -              | -           | N        | -         | -                     | 60             |                  |                                                                                                                        |  |                    |  |  |  |  |  |
| Dry                                                                                    | -              | -           | N        | -         | -                     | 70             |                  | @70', less clache nodules                                                                                              |  |                    |  |  |  |  |  |
| Dry                                                                                    | -              | -           | N        | -         | -                     | 78             |                  | NOTE: refusal @ 78' using air rotary drill rig due to abundant sand. Borehole collapsed to 69' upon completion.        |  |                    |  |  |  |  |  |
| Total Depth @ 78 feet bgs                                                              |                |             |          |           |                       |                |                  |                                                                                                                        |  |                    |  |  |  |  |  |



# 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 | X                | Y        |                                                                                     |  |
| C                            | 02373 CLW317846 | 2                                  | 1   | 1  | 13  | 25S                                | 33E | 638518           | 3556544* |  |  |
| x                            |                 |                                    |     |    |     |                                    |     |                  |          |                                                                                     |  |
| 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:       |          |                                                                                     |  |
| Log File Date:               |                 | PCW Rev Date:                      |     |    |     | 02/09/1996                         |     | Source:          |          | Shallow                                                                             |  |
| Pump Type: SUBMER            |                 | Pipe Discharge Size:               |     |    |     | 2                                  |     | Estimated Yield: |          | 60 GPM                                                                              |  |
| Casing Size: 6.63            |                 | Depth Well:                        |     |    |     | 625 feet                           |     | Depth Water:     |          | 185 feet                                                                            |  |
| x                            |                 |                                    |     |    |     |                                    |     |                  |          |                                                                                     |  |

\*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.

6/14/23 9:16 PM

POINT OF DIVERSION SUMMARY



# 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 | X      | Y        |
|----------|------------|-----|-----|----|-----|-----|-----|--------|----------|
| C        | 02373 S    | 1   | 2   | 1  | 13  | 25S | 33E | 638721 | 3556549* |

x

**Driller License:** 421 **Driller Company:** GLENN'S WATER WELL SERVICE

**Driller Name:**

|                                     |                                      |                                |
|-------------------------------------|--------------------------------------|--------------------------------|
| <b>Drill Start Date:</b> 09/08/1993 | <b>Drill Finish Date:</b> 09/08/1993 | <b>Plug Date:</b>              |
| <b>Log File Date:</b>               | <b>PCW Rev Date:</b> 02/09/1996      | <b>Source:</b> Shallow         |
| <b>Pump Type:</b> SUBMER            | <b>Pipe Discharge Size:</b> 2        | <b>Estimated Yield:</b> 60 GPM |
| <b>Casing Size:</b> 6.63            | <b>Depth Well:</b> 625 feet          | <b>Depth Water:</b> 185 feet   |

x

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| <b>Meter Number:</b> 581            | <b>Meter Make:</b> WATERSPECIAL   |
| <b>Meter Serial Number:</b> 9549683 | <b>Meter Multiplier:</b> 100.0000 |
| <b>Number of Dials:</b> 6           | <b>Meter Type:</b> Diversion      |
| <b>Unit of Measure:</b> Gallons     | <b>Return Flow Percent:</b>       |
| <b>Usage Multiplier:</b>            | <b>Reading Frequency:</b>         |

x

### 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             |



|            |      |        |   |                    |         |
|------------|------|--------|---|--------------------|---------|
| 03/31/2006 | 2006 | 186880 | A | RPT                | 0.458   |
| 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   |

---

x

| **YTD Meter 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   |

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\*UTM location was derived from PLSS - see Help

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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.

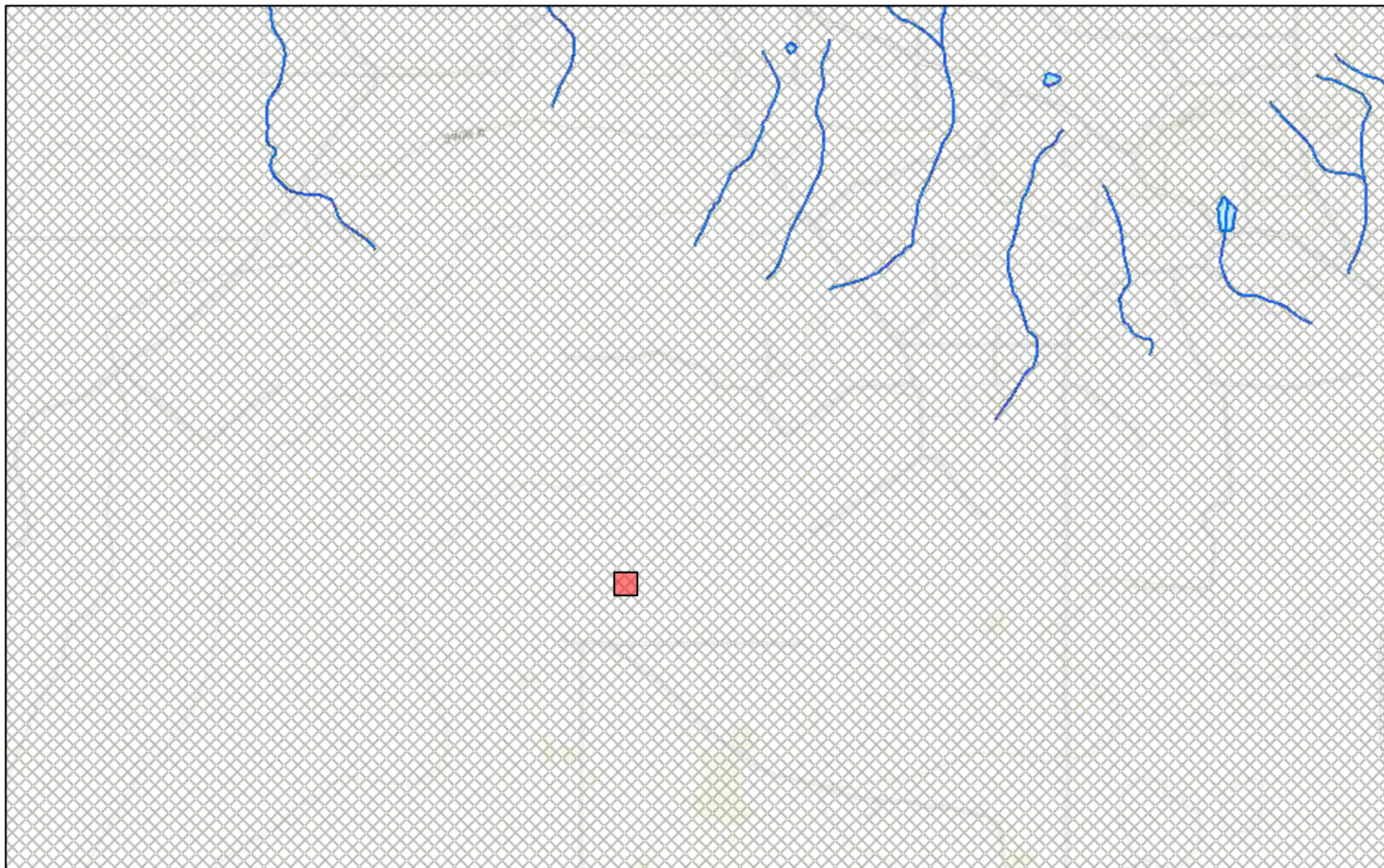
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6/14/23 9:18 PM

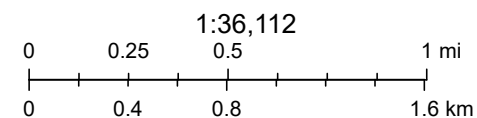
POINT OF DIVERSION SUMMARY

|                                                                                                                                                                                                                              |                |             |          |           |                       |                |                  | Sample Name: BH01                                                                                                      |  | Date: 1/3/2023     |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------|----------|-----------|-----------------------|----------------|------------------|------------------------------------------------------------------------------------------------------------------------|--|--------------------|--|--|--|--|--|
|                                                                                                                                                                                                                              |                |             |          |           |                       |                |                  | Site Name: Rojo 22-25 Tank Battery                                                                                     |  |                    |  |  |  |  |  |
|                                                                                                                                                                                                                              |                |             |          |           |                       |                |                  | Incident Number: nAPP2206753386 & nAPP2209076202                                                                       |  |                    |  |  |  |  |  |
|                                                                                                                                                                                                                              |                |             |          |           |                       |                |                  | Job Number: 03C2012008                                                                                                 |  |                    |  |  |  |  |  |
| <b>LITHOLOGIC / SOIL SAMPLING LOG</b>                                                                                                                                                                                        |                |             |          |           |                       |                |                  | Logged By: CS / MR                                                                                                     |  | Method: Air Rotary |  |  |  |  |  |
| Coordinates: 32.107784, -103.562235                                                                                                                                                                                          |                |             |          |           |                       |                |                  | Hole Diameter: 6"                                                                                                      |  | Total Depth: 60'   |  |  |  |  |  |
| Comments: Soil boring was advanced to a total depth of 60' bgs. No water was observed within the soil boring after at least 72 hours. On 1/16/2023 the soil boring was plugged and abandoned using hydrated bentonite chips. |                |             |          |           |                       |                |                  |                                                                                                                        |  |                    |  |  |  |  |  |
| Moisture Content                                                                                                                                                                                                             | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions                                                                                                |  |                    |  |  |  |  |  |
|                                                                                                                                                                                                                              |                |             |          |           |                       | 0              | CCHE             | (0-30'), CALICHE, coarse grain, well graded, white to tan, dry, no stain or odor.                                      |  |                    |  |  |  |  |  |
| Dry                                                                                                                                                                                                                          | -              | -           | N        | -         | -                     | 10             |                  |                                                                                                                        |  |                    |  |  |  |  |  |
| Dry                                                                                                                                                                                                                          | -              | -           | N        | -         | -                     | 20             |                  | @20' color change to pink/tan                                                                                          |  |                    |  |  |  |  |  |
| Dry                                                                                                                                                                                                                          | -              | -           | N        | -         | -                     | 30             | SP-SM            | (30-78'), SAND, medium to fine grain, poorly graded with trace caliche nodules, red to orange, dry, no stain, no odor. |  |                    |  |  |  |  |  |
| Dry                                                                                                                                                                                                                          | -              | -           | N        | -         | -                     | 40             |                  |                                                                                                                        |  |                    |  |  |  |  |  |
| Dry                                                                                                                                                                                                                          | -              | -           | N        | -         | -                     | 50             |                  | @50', slightly cohesive with trace clay                                                                                |  |                    |  |  |  |  |  |
| Dry                                                                                                                                                                                                                          | -              | -           | N        | -         | -                     | 60             |                  | NOTE: refusal @ 60' using air rotary drill rig due to abundant sand.                                                   |  |                    |  |  |  |  |  |
| Total Depth @ 60 feet bgs                                                                                                                                                                                                    |                |             |          |           |                       |                |                  |                                                                                                                        |  |                    |  |  |  |  |  |

# New Mexico NFHL Data



June 14, 2023



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

[nmflood.org](http://nmflood.org) is made possible through a collaboration with NMDHSEM,

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## APPENDIX E

CARMONA RESOURCES





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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June 14, 2023

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: ANTERO NEW RISER SPILL

Enclosed are the results of analyses for samples received by the laboratory on 06/13/23 15:40.

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/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 1 (0-1') (H233033-01)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 2.00  |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.12 | 106        | 2.00          | 0.819 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 1.55  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.56 | 109        | 6.00          | 1.62  |           |
| Total BTX      | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 6240   | 16.0            | 06/14/2023 | ND              | 448 | 112        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 185 | 92.4       | 200           | 6.40 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 6.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 1 (1.5') (H233033-02)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 2.00  |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.12 | 106        | 2.00          | 0.819 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 1.55  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.56 | 109        | 6.00          | 1.62  |           |
| Total BTEx     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 7280   | 16.0            | 06/14/2023 | ND              | 448 | 112        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 185 | 92.4       | 200           | 6.40 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 6.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 2 (0-1') (H233033-03)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 2.00  |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.12 | 106        | 2.00          | 0.819 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 1.55  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.56 | 109        | 6.00          | 1.62  |           |
| Total BTEX     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 7520   | 16.0            | 06/14/2023 | ND              | 448 | 112        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 185 | 92.4       | 200           | 6.40 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 6.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 2 (1.5') (H233033-04)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 2.00  |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.12 | 106        | 2.00          | 0.819 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 1.55  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.56 | 109        | 6.00          | 1.62  |           |
| Total BTEx     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 8530   | 16.0            | 06/14/2023 | ND              | 448 | 112        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 185 | 92.4       | 200           | 6.40 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 6.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 2 (2') (H233033-05)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 2.00  |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.12 | 106        | 2.00          | 0.819 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 1.55  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.56 | 109        | 6.00          | 1.62  |           |
| Total BTX      | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 8400   | 16.0            | 06/14/2023 | ND              | 448 | 112        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 185 | 92.4       | 200           | 6.40 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 6.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 3 (0-1') (H233033-06)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 2.00  |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.12 | 106        | 2.00          | 0.819 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 1.55  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.56 | 109        | 6.00          | 1.62  |           |
| Total BTEX     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 8660   | 16.0            | 06/14/2023 | ND              | 448 | 112        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 185 | 92.4       | 200           | 6.40 |           |
| DRO >C10-C28*    | 22.3   | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 6.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 3 (1.5') (H233033-07)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 2.00  |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.12 | 106        | 2.00          | 0.819 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 1.55  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.56 | 109        | 6.00          | 1.62  |           |
| Total BTX      | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 9060   | 16.0            | 06/14/2023 | ND              | 448 | 112        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 200 | 100        | 200           | 5.46 |           |
| DRO >C10-C28*    | 39.9   | 10.0            | 06/14/2023 | ND              | 187 | 93.3       | 200           | 3.92 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 4 (0-1') (H233033-08)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 2.00  |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.12 | 106        | 2.00          | 0.819 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 1.55  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.56 | 109        | 6.00          | 1.62  |           |
| Total BTEX     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 9060   | 16.0            | 06/14/2023 | ND              | 448 | 112        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 200 | 100        | 200           | 5.46 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 187 | 93.3       | 200           | 3.92 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 4 (1.5') (H233033-09)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 2.00  |           |  |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.12 | 106        | 2.00          | 0.819 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 1.55  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.56 | 109        | 6.00          | 1.62  |           |  |
| Total BTX      | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 21000  | 16.0            | 06/14/2023 | ND              | 448 | 112        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 200 | 100        | 200           | 5.46 |           |
| DRO >C10-C28*    | 173    | 10.0            | 06/14/2023 | ND              | 187 | 93.3       | 200           | 3.92 |           |
| EXT DRO >C28-C36 | 46.6   | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 4 (2') (H233033-10)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 2.00  |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.12 | 106        | 2.00          | 0.819 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 1.55  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.56 | 109        | 6.00          | 1.62  |           |
| Total BTX      | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 8000   | 16.0            | 06/14/2023 | ND              | 448 | 112        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 200 | 100        | 200           | 5.46 |           |
| DRO >C10-C28*    | 38.1   | 10.0            | 06/14/2023 | ND              | 187 | 93.3       | 200           | 3.92 |           |
| EXT DRO >C28-C36 | 10.6   | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 5 (0-1') (H233033-11)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 2.00  |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.12 | 106        | 2.00          | 0.819 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 1.55  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.56 | 109        | 6.00          | 1.62  |           |
| Total BTX      | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 7600   | 16.0            | 06/14/2023 | ND              | 448 | 112        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 200 | 100        | 200           | 5.46 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 187 | 93.3       | 200           | 3.92 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 5 (1.5') (H233033-12)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 2.00  |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.12 | 106        | 2.00          | 0.819 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 1.55  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.56 | 109        | 6.00          | 1.62  |           |
| Total BTX      | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 7200   | 16.0            | 06/14/2023 | ND              | 448 | 112        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 200 | 100        | 200           | 5.46 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 187 | 93.3       | 200           | 3.92 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 5 (2') (H233033-13)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 2.00  |           |  |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.12 | 106        | 2.00          | 0.819 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 1.55  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.56 | 109        | 6.00          | 1.62  |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 4240   | 16.0            | 06/14/2023 | ND              | 448 | 112        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 200 | 100        | 200           | 5.46 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 187 | 93.3       | 200           | 3.92 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 5 (3') (H233033-14)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 2.00  |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.12 | 106        | 2.00          | 0.819 | GC-NC     |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 1.55  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.56 | 109        | 6.00          | 1.62  | GC-NC     |
| Total BTEx     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 17600  | 16.0            | 06/14/2023 | ND              | 448 | 112        | 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*      | 21.1   | 10.0            | 06/14/2023 | ND              | 200 | 100        | 200           | 5.46 |           |
| DRO >C10-C28*    | 972    | 10.0            | 06/14/2023 | ND              | 187 | 93.3       | 200           | 3.92 |           |
| EXT DRO >C28-C36 | 260    | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 6 (0-1') (H233033-15)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 2.00  |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.12 | 106        | 2.00          | 0.819 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 1.55  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.56 | 109        | 6.00          | 1.62  |           |
| Total BTEx     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 80.0   | 16.0            | 06/14/2023 | ND              | 448 | 112        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 200 | 100        | 200           | 5.46 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 187 | 93.3       | 200           | 3.92 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 6 (1.5') (H233033-16)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 2.00  |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.12 | 106        | 2.00          | 0.819 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 1.55  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.56 | 109        | 6.00          | 1.62  |           |
| Total BTX      | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 544    | 16.0            | 06/14/2023 | ND              | 448 | 112        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 200 | 100        | 200           | 5.46 |           |
| DRO >C10-C28*    | 28.6   | 10.0            | 06/14/2023 | ND              | 187 | 93.3       | 200           | 3.92 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 7 (0-1') (H233033-17)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 2.00  |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.12 | 106        | 2.00          | 0.819 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 1.55  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.56 | 109        | 6.00          | 1.62  |           |
| Total BTEX     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 8800   | 16.0            | 06/14/2023 | ND              | 448 | 112        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 200 | 100        | 200           | 5.46 |           |
| DRO >C10-C28*    | 38.4   | 10.0            | 06/14/2023 | ND              | 187 | 93.3       | 200           | 3.92 |           |
| EXT DRO >C28-C36 | 10.5   | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 7 (1.5') (H233033-18)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 2.00  |           |  |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.12 | 106        | 2.00          | 0.819 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 1.55  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.56 | 109        | 6.00          | 1.62  |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 5440   | 16.0            | 06/14/2023 | ND              | 448 | 112        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 200 | 100        | 200           | 5.46 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 187 | 93.3       | 200           | 3.92 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 8 (0-1') (H233033-19)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 2.00  |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.12 | 106        | 2.00          | 0.819 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 1.55  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.56 | 109        | 6.00          | 1.62  |           |
| Total BTX      | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 6800   | 16.0            | 06/14/2023 | ND              | 448 | 112        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 200 | 100        | 200           | 5.46 |           |
| DRO >C10-C28*    | 11.0   | 10.0            | 06/14/2023 | ND              | 187 | 93.3       | 200           | 3.92 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 8 (1.5') (H233033-20)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 2.00  |           |  |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.12 | 106        | 2.00          | 0.819 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.18 | 109        | 2.00          | 1.55  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.56 | 109        | 6.00          | 1.62  |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 6660   | 16.0            | 06/14/2023 | ND              | 448 | 112        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 200 | 100        | 200           | 5.46 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 187 | 93.3       | 200           | 3.92 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 8 (2') (H233033-21)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.08 | 104        | 2.00          | 0.276 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.12 | 106        | 2.00          | 0.112 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND               | 2.18 | 109        | 2.00          | 0.808 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND               | 6.51 | 108        | 6.00          | 0.226 |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/14/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 8260   | 16.0            | 06/14/2023 | ND              | 448 | 112        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 200 | 100        | 200           | 5.46 |           |
| DRO >C10-C28*    | 35.0   | 10.0            | 06/14/2023 | ND              | 187 | 93.3       | 200           | 3.92 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 8 (3') (H233033-22)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.08 | 104        | 2.00          | 0.276 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.12 | 106        | 2.00          | 0.112 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND               | 2.18 | 109        | 2.00          | 0.808 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND               | 6.51 | 108        | 6.00          | 0.226 |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/14/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 7520   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 7.41 | QM-07     |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 200 | 100        | 200           | 5.46 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 187 | 93.3       | 200           | 3.92 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 9 (0-1') (H233033-23)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.08 | 104        | 2.00          | 0.276 |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.12 | 106        | 2.00          | 0.112 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND               | 2.18 | 109        | 2.00          | 0.808 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND               | 6.51 | 108        | 6.00          | 0.226 |           |
| Total BTEX     | <0.300 | 0.300           | 06/14/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 5040   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 7.41 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 200 | 100        | 200           | 5.46 |           |
| DRO >C10-C28*    | 10.4   | 10.0            | 06/14/2023 | ND              | 187 | 93.3       | 200           | 3.92 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 9 (1.5') (H233033-24)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.08 | 104        | 2.00          | 0.276 |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.12 | 106        | 2.00          | 0.112 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND               | 2.18 | 109        | 2.00          | 0.808 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND               | 6.51 | 108        | 6.00          | 0.226 |           |
| Total BTEX     | <0.300 | 0.300           | 06/14/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 5520   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 7.41 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 200 | 100        | 200           | 5.46 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 187 | 93.3       | 200           | 3.92 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 9 (2') (H233033-25)**

| 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           | 06/14/2023 | ND               | 2.08 | 104        | 2.00          | 0.276 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.12 | 106        | 2.00          | 0.112 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND               | 2.18 | 109        | 2.00          | 0.808 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND               | 6.51 | 108        | 6.00          | 0.226 |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/14/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 6960   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 7.41 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 200 | 100        | 200           | 5.46 |           |
| DRO >C10-C28*    | 11.4   | 10.0            | 06/14/2023 | ND              | 187 | 93.3       | 200           | 3.92 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 9 (3') (H233033-26)**

| 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           | 06/14/2023 | ND               | 2.08 | 104        | 2.00          | 0.276 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.12 | 106        | 2.00          | 0.112 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND               | 2.18 | 109        | 2.00          | 0.808 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND               | 6.51 | 108        | 6.00          | 0.226 |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/14/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 6480   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 7.41 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 200 | 100        | 200           | 5.46 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 187 | 93.3       | 200           | 3.92 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 10 (0-1') (H233033-27)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.08 | 104        | 2.00          | 0.276 |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.12 | 106        | 2.00          | 0.112 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND               | 2.18 | 109        | 2.00          | 0.808 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND               | 6.51 | 108        | 6.00          | 0.226 |           |
| Total BTEX     | <0.300 | 0.300           | 06/14/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 4960   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 7.41 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 209 | 105        | 200           | 7.34 |           |
| DRO >C10-C28*    | 36.5   | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 8.74 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 10 (1.5') (H233033-28)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.08 | 104        | 2.00          | 0.276 |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.12 | 106        | 2.00          | 0.112 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND               | 2.18 | 109        | 2.00          | 0.808 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND               | 6.51 | 108        | 6.00          | 0.226 |           |
| Total BTEX     | <0.300 | 0.300           | 06/14/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 4560   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 7.41 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 209 | 105        | 200           | 7.34 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 8.74 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 10 (2') (H233033-29)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.08 | 104        | 2.00          | 0.276 |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.12 | 106        | 2.00          | 0.112 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND               | 2.18 | 109        | 2.00          | 0.808 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND               | 6.51 | 108        | 6.00          | 0.226 |           |
| Total BTEX     | <0.300 | 0.300           | 06/14/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 5440   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 7.41 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 209 | 105        | 200           | 7.34 |           |
| DRO >C10-C28*    | 35.4   | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 8.74 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 11 (0-1') (H233033-30)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.08 | 104        | 2.00          | 0.276 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.12 | 106        | 2.00          | 0.112 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND               | 2.18 | 109        | 2.00          | 0.808 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND               | 6.51 | 108        | 6.00          | 0.226 |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/14/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 5040   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 7.41 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 209 | 105        | 200           | 7.34 |           |
| DRO >C10-C28*    | 23.0   | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 8.74 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 11 (1.5') (H233033-31)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.08 | 104        | 2.00          | 0.276 |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.12 | 106        | 2.00          | 0.112 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND               | 2.18 | 109        | 2.00          | 0.808 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND               | 6.51 | 108        | 6.00          | 0.226 |           |
| Total BTEx     | <0.300 | 0.300           | 06/14/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 3160   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 7.41 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 209 | 105        | 200           | 7.34 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 8.74 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 12 (0-1') (H233033-32)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.08 | 104        | 2.00          | 0.276 |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.12 | 106        | 2.00          | 0.112 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND               | 2.18 | 109        | 2.00          | 0.808 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND               | 6.51 | 108        | 6.00          | 0.226 |           |
| Total BTEx     | <0.300 | 0.300           | 06/14/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 2080   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 7.41 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 209 | 105        | 200           | 7.34 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 8.74 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 12 (1.5') (H233033-33)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.08 | 104        | 2.00          | 0.276 |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.12 | 106        | 2.00          | 0.112 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND               | 2.18 | 109        | 2.00          | 0.808 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND               | 6.51 | 108        | 6.00          | 0.226 |           |
| Total BTX      | <0.300 | 0.300           | 06/14/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 2440   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 7.41 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 209 | 105        | 200           | 7.34 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 8.74 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 13 (0-1') (H233033-34)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.08 | 104        | 2.00          | 0.276 |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.12 | 106        | 2.00          | 0.112 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND               | 2.18 | 109        | 2.00          | 0.808 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND               | 6.51 | 108        | 6.00          | 0.226 |           |
| Total BTEx     | <0.300 | 0.300           | 06/14/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 4280   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 7.41 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 209 | 105        | 200           | 7.34 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 8.74 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 13 (1.5') (H233033-35)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.08 | 104        | 2.00          | 0.276 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.12 | 106        | 2.00          | 0.112 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND               | 2.18 | 109        | 2.00          | 0.808 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND               | 6.51 | 108        | 6.00          | 0.226 |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/14/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 4720   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 7.41 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 209 | 105        | 200           | 7.34 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 8.74 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 13 (2') (H233033-36)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.08 | 104        | 2.00          | 0.276 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.12 | 106        | 2.00          | 0.112 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND               | 2.18 | 109        | 2.00          | 0.808 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND               | 6.51 | 108        | 6.00          | 0.226 |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/14/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 6240   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 7.41 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 209 | 105        | 200           | 7.34 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 8.74 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 14 (0-1') (H233033-37)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.08 | 104        | 2.00          | 0.276 |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.12 | 106        | 2.00          | 0.112 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND               | 2.18 | 109        | 2.00          | 0.808 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND               | 6.51 | 108        | 6.00          | 0.226 |           |
| Total BTX      | <0.300 | 0.300           | 06/14/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 5520   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 7.41 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 209 | 105        | 200           | 7.34 |           |
| DRO >C10-C28*    | 15.2   | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 8.74 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 14 (1.5') (H233033-38)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.08 | 104        | 2.00          | 0.276 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.12 | 106        | 2.00          | 0.112 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND               | 2.18 | 109        | 2.00          | 0.808 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND               | 6.51 | 108        | 6.00          | 0.226 |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/14/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 6640   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 7.41 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 209 | 105        | 200           | 7.34 |           |
| DRO >C10-C28*    | 21.5   | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 8.74 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 14 (2') (H233033-39)**

| 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           | 06/14/2023 | ND               | 2.08 | 104        | 2.00          | 0.276 |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.12 | 106        | 2.00          | 0.112 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND               | 2.18 | 109        | 2.00          | 0.808 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND               | 6.51 | 108        | 6.00          | 0.226 |           |
| Total BTEX     | <0.300 | 0.300           | 06/14/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 6240   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 7.41 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 209 | 105        | 200           | 7.34 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 8.74 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 15 (0-1') (H233033-40)**

| 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           | 06/14/2023 | ND               | 2.08 | 104        | 2.00          | 0.276 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND               | 2.12 | 106        | 2.00          | 0.112 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND               | 2.18 | 109        | 2.00          | 0.808 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND               | 6.51 | 108        | 6.00          | 0.226 |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/14/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 4720   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 7.41 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 209 | 105        | 200           | 7.34 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 8.74 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 15 (1.5') (H233033-41)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.13 | 107        | 2.00          | 5.48 |           |
| Toluene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.18 | 109        | 2.00          | 5.28 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/13/2023 | ND               | 2.25 | 113        | 2.00          | 5.68 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/13/2023 | ND               | 6.65 | 111        | 6.00          | 5.70 |           |
| Total BTEX     | <0.300 | 0.300           | 06/13/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 6000   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 7.41 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 209 | 105        | 200           | 7.34 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 8.74 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 16 (0-1') (H233033-42)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.13 | 107        | 2.00          | 5.48 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.18 | 109        | 2.00          | 5.28 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/13/2023 | ND               | 2.25 | 113        | 2.00          | 5.68 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/13/2023 | ND               | 6.65 | 111        | 6.00          | 5.70 |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 5760   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 3.77 | QM-07     |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 209 | 105        | 200           | 7.34 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 8.74 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 16 (1.5') (H233033-43)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.13 | 107        | 2.00          | 5.48 |           |
| Toluene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.18 | 109        | 2.00          | 5.28 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/13/2023 | ND               | 2.25 | 113        | 2.00          | 5.68 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/13/2023 | ND               | 6.65 | 111        | 6.00          | 5.70 |           |
| Total BTX      | <0.300 | 0.300           | 06/13/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 6000   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 209 | 105        | 200           | 7.34 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 8.74 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 16 (2') (H233033-44)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.13 | 107        | 2.00          | 5.48 |           |
| Toluene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.18 | 109        | 2.00          | 5.28 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/13/2023 | ND               | 2.25 | 113        | 2.00          | 5.68 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/13/2023 | ND               | 6.65 | 111        | 6.00          | 5.70 |           |
| Total BTX      | <0.300 | 0.300           | 06/13/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 4400   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 209 | 105        | 200           | 7.34 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 8.74 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 16 (3') (H233033-45)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.13 | 107        | 2.00          | 5.48 |           |
| Toluene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.18 | 109        | 2.00          | 5.28 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/13/2023 | ND               | 2.25 | 113        | 2.00          | 5.68 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/13/2023 | ND               | 6.65 | 111        | 6.00          | 5.70 |           |
| Total BTX      | <0.300 | 0.300           | 06/13/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1040   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 3.77 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 209 | 105        | 200           | 7.34 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 8.74 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 17 (0-1') (H233033-46)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.13 | 107        | 2.00          | 5.48 |           |
| Toluene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.18 | 109        | 2.00          | 5.28 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/13/2023 | ND               | 2.25 | 113        | 2.00          | 5.68 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/13/2023 | ND               | 6.65 | 111        | 6.00          | 5.70 |           |
| Total BTX      | <0.300 | 0.300           | 06/13/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 4160   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 209 | 105        | 200           | 7.34 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 191 | 95.5       | 200           | 8.74 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 17 (1.5') (H233033-47)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.13 | 107        | 2.00          | 5.48 |           |
| Toluene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.18 | 109        | 2.00          | 5.28 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/13/2023 | ND               | 2.25 | 113        | 2.00          | 5.68 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/13/2023 | ND               | 6.65 | 111        | 6.00          | 5.70 |           |
| Total BTEX     | <0.300 | 0.300           | 06/13/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 416    | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 3.77 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 193 | 96.5       | 200           | 5.64 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 198 | 98.8       | 200           | 5.98 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 18 (0-1') (H233033-48)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.13 | 107        | 2.00          | 5.48 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.18 | 109        | 2.00          | 5.28 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/13/2023 | ND               | 2.25 | 113        | 2.00          | 5.68 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/13/2023 | ND               | 6.65 | 111        | 6.00          | 5.70 |           |  |
| Total BTX      | <0.300 | 0.300           | 06/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 5200   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 193 | 96.5       | 200           | 5.64 |           |
| DRO >C10-C28*    | 45.6   | 10.0            | 06/14/2023 | ND              | 198 | 98.8       | 200           | 5.98 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 18 (1.5') (H233033-49)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.13 | 107        | 2.00          | 5.48 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.18 | 109        | 2.00          | 5.28 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/13/2023 | ND               | 2.25 | 113        | 2.00          | 5.68 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/13/2023 | ND               | 6.65 | 111        | 6.00          | 5.70 |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 6400   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 3.77 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 193 | 96.5       | 200           | 5.64 |           |
| DRO >C10-C28*    | 139    | 10.0            | 06/14/2023 | ND              | 198 | 98.8       | 200           | 5.98 |           |
| EXT DRO >C28-C36 | 22.4   | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 18 (2') (H233033-50)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.13 | 107        | 2.00          | 5.48 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.18 | 109        | 2.00          | 5.28 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/13/2023 | ND               | 2.25 | 113        | 2.00          | 5.68 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/13/2023 | ND               | 6.65 | 111        | 6.00          | 5.70 |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 7060   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 193 | 96.5       | 200           | 5.64 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 198 | 98.8       | 200           | 5.98 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 19 (0-1') (H233033-51)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.13 | 107        | 2.00          | 5.48 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.18 | 109        | 2.00          | 5.28 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/13/2023 | ND               | 2.25 | 113        | 2.00          | 5.68 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/13/2023 | ND               | 6.65 | 111        | 6.00          | 5.70 |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 7200   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 3.77 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 193 | 96.5       | 200           | 5.64 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 198 | 98.8       | 200           | 5.98 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 19 (1.5') (H233033-52)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.13 | 107        | 2.00          | 5.48 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.18 | 109        | 2.00          | 5.28 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/13/2023 | ND               | 2.25 | 113        | 2.00          | 5.68 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/13/2023 | ND               | 6.65 | 111        | 6.00          | 5.70 |           |  |
| Total BTX      | <0.300 | 0.300           | 06/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 7330   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 3.77 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 193 | 96.5       | 200           | 5.64 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 198 | 98.8       | 200           | 5.98 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 20 (0-1') (H233033-53)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.13 | 107        | 2.00          | 5.48 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.18 | 109        | 2.00          | 5.28 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/13/2023 | ND               | 2.25 | 113        | 2.00          | 5.68 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/13/2023 | ND               | 6.65 | 111        | 6.00          | 5.70 |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 5040   | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 193 | 96.5       | 200           | 5.64 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 198 | 98.8       | 200           | 5.98 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 20 (1.5') (H233033-54)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.13 | 107        | 2.00          | 5.48 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/13/2023 | ND               | 2.18 | 109        | 2.00          | 5.28 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/13/2023 | ND               | 2.25 | 113        | 2.00          | 5.68 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/13/2023 | ND               | 6.65 | 111        | 6.00          | 5.70 |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/13/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 352    | 16.0            | 06/14/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 193 | 96.5       | 200           | 5.64 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 198 | 98.8       | 200           | 5.98 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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\*=Accredited Analyte

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### 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 recovery.                               |
| GC-NC | 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.                                      |
| 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<br>Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

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Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: 4233033

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|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                     |                                                                                                                                   |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Work Order Comments |                                                                                                                                   |
| Program: UST/PST    | <input type="checkbox"/> PRP <input type="checkbox"/> brownfields <input type="checkbox"/> RRC <input type="checkbox"/> superfund |
| State of Project:   |                                                                                                                                   |
| Reporting Level II  | <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV |
| Deliverables: EDD   | <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                    |

|                       |                                                                     |                        |                                                                           |           |                                                                     |            |            |
|-----------------------|---------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------|-----------|---------------------------------------------------------------------|------------|------------|
| Project Name:         | Antero New Riser Spill                                              | Turn Around            | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | Due Date: | 24 Hours                                                            | Pres. Code |            |
| Project Number:       | 2054                                                                |                        |                                                                           |           |                                                                     |            |            |
| Project Location:     | Lea County, New Mexico                                              |                        |                                                                           |           |                                                                     |            |            |
| Sampler's Name:       | CCM                                                                 |                        |                                                                           |           |                                                                     |            |            |
| PO #:                 |                                                                     |                        |                                                                           |           |                                                                     |            |            |
| SAMPLE RECEIPT        |                                                                     | Temp Blank:            | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>       | Wet Ice:  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |            |            |
| Received Infract:     | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID:        | 113                                                                       |           |                                                                     |            |            |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor:     | -0.6                                                                      |           |                                                                     |            |            |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Temperature Reading:   | 4.8                                                                       |           |                                                                     |            |            |
| Total Containers:     |                                                                     | Corrected Temperature: | 4.2                                                                       |           |                                                                     |            |            |
| Sample Identification | Date                                                                | Time                   | Soil                                                                      | Water     | Grab/Comp                                                           | # of Cont  | Parameters |
| S-1 (0-1')            | 6/13/2023                                                           |                        | X                                                                         |           | G                                                                   | 1          | X X X X    |
| S-1 (1.5')            | 6/13/2023                                                           |                        | X                                                                         |           | G                                                                   | 1          | X X X X    |
| S-2 (0-1')            | 6/13/2023                                                           |                        | X                                                                         |           | G                                                                   | 1          | X X X X    |
| S-2 (1.5')            | 6/13/2023                                                           |                        | X                                                                         |           | G                                                                   | 1          | X X X X    |
| S-2 (2')              | 6/13/2023                                                           |                        | X                                                                         |           | G                                                                   | 1          | X X X X    |
| S-3 (0-1')            | 6/13/2023                                                           |                        | X                                                                         |           | G                                                                   | 1          | X X X X    |
| S-3 (1.5')            | 6/13/2023                                                           |                        | X                                                                         |           | G                                                                   | 1          | X X X X    |
| S-4 (0-1')            | 6/13/2023                                                           |                        | X                                                                         |           | G                                                                   | 1          | X X X X    |
| S-4 (1.5')            | 6/13/2023                                                           |                        | X                                                                         |           | G                                                                   | 1          | X X X X    |
| S-4 (2')              | 6/13/2023                                                           |                        | X                                                                         |           | G                                                                   | 1          | X X X X    |

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

|                                                                                   |                |                                                                                     |           |
|-----------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|-----------|
| Relinquished by: (Signature)                                                      | Date/Time      | Received by: (Signature)                                                            | Date/Time |
|  | 6-13-23 / 1540 |  |           |



Chain of Custody

Work Order No: 4233033

Page 2 of 6

|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                     |                                                                                                                                   |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Work Order Comments |                                                                                                                                   |
| Program: UST/PST    | <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Iperfund   |
| State of Project:   |                                                                                                                                   |
| Reporting Level II  | <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV |
| Deliverables: EDD   | <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                    |

| Project Name:         | Antero New Riser Spill                                                  | Turn Around                                                         | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | Due Date:                                                           | 24 Hours   | Pres. Code |            |
|-----------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------|------------|------------|------------|
| Project Number:       | 2054                                                                    |                                                                     |                                                                           |                                                                     |            |            |            |
| Project Location:     | Lea County, New Mexico                                                  |                                                                     |                                                                           |                                                                     |            |            |            |
| Sampler's Name:       | CCM                                                                     |                                                                     |                                                                           |                                                                     |            |            |            |
| PO #:                 |                                                                         |                                                                     |                                                                           |                                                                     |            |            |            |
| SAMPLE RECEIPT        | Temp Blank:                                                             | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:                                                                  | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |            |            |            |
| Received Intact:      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>     | Thermometer ID:                                                     |                                                                           |                                                                     |            |            |            |
| Cooler Custody Seals: | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | Correction Factor:                                                  |                                                                           |                                                                     |            |            |            |
| Sample Custody Seals: | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | Temperature Reading:                                                |                                                                           |                                                                     |            |            |            |
| Total Containers:     |                                                                         | Corrected Temperature:                                              |                                                                           |                                                                     |            |            |            |
|                       |                                                                         |                                                                     |                                                                           |                                                                     |            |            |            |
| Sample Identification | Date                                                                    | Time                                                                | Soil                                                                      | Water                                                               | Grab/ Comp | # of Cont  | Parameters |
| S-5 (0-1')            | 6/13/2023                                                               |                                                                     | X                                                                         |                                                                     | G          | 1          | X X X X    |
| S-5 (1.5')            | 6/13/2023                                                               |                                                                     | X                                                                         |                                                                     | G          | 1          | X X X X    |
| S-5 (2')              | 6/13/2023                                                               |                                                                     | X                                                                         |                                                                     | G          | 1          | X X X X    |
| S-5 (3')              | 6/13/2023                                                               |                                                                     | X                                                                         |                                                                     | G          | 1          | X X X X    |
| S-6 (0-1')            | 6/13/2023                                                               |                                                                     | X                                                                         |                                                                     | G          | 1          | X X X X    |
| S-6 (1.5')            | 6/13/2023                                                               |                                                                     | X                                                                         |                                                                     | G          | 1          | X X X X    |
| S-7 (0-1')            | 6/13/2023                                                               |                                                                     | X                                                                         |                                                                     | G          | 1          | X X X X    |
| S-7 (1.5')            | 6/13/2023                                                               |                                                                     | X                                                                         |                                                                     | G          | 1          | X X X X    |
| S-8 (0-1')            | 6/13/2023                                                               |                                                                     | X                                                                         |                                                                     | G          | 1          | X X X X    |
| S-8 (1.5')            | 6/13/2023                                                               |                                                                     | X                                                                         |                                                                     | G          | 1          | X X X X    |

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

|                                                                                   |              |                                                                                     |           |
|-----------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|-----------|
| Relinquished by: (Signature)                                                      | Date/Time    | Received by: (Signature)                                                            | Date/Time |
|  | 6/13-23 1540 |  |           |



## Chain of Custody

Work Order No: 4233033Page 3 of 6

|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                                                                |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                                                            |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> JRC <input type="checkbox"/> Perturb <input type="checkbox"/>                                      |  |
| State of Project:                                                                                                                                                                                              |  |
| Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                                                               |  |

|                       |                                                                     |                                                                     |                                  |                                                                     |            |                                                                     |   |   |   |  |  |  |  |  |  |  |  |                                                                   |                                     |                            |
|-----------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------|------------|---------------------------------------------------------------------|---|---|---|--|--|--|--|--|--|--|--|-------------------------------------------------------------------|-------------------------------------|----------------------------|
| Project Name:         | Antero New Riser Spill                                              |                                                                     | Turn Around                      |                                                                     | Pres. Code | ANALYSIS REQUEST                                                    |   |   |   |  |  |  |  |  |  |  |  | Preservative Codes                                                |                                     |                            |
| Project Number:       | 2054                                                                |                                                                     | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush                            |            |                                                                     |   |   |   |  |  |  |  |  |  |  |  |                                                                   | None: NO                            | DI Water: H <sub>2</sub> O |
| Project Location:     | Lea County, New Mexico                                              |                                                                     | Due Date:                        | 24 Hours                                                            |            |                                                                     |   |   |   |  |  |  |  |  |  |  |  |                                                                   | Cool: Cool                          | MeOH: Me                   |
| Sampler's Name:       | CCM                                                                 |                                                                     |                                  |                                                                     |            |                                                                     |   |   |   |  |  |  |  |  |  |  |  | HCL: HC                                                           | HNO <sub>3</sub> : HN               |                            |
| PO #:                 |                                                                     |                                                                     |                                  |                                                                     |            |                                                                     |   |   |   |  |  |  |  |  |  |  |  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>                   | NaOH: Na                            |                            |
| SAMPLE RECEIPT        | Temp Blank:                                                         | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID:                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |   |   |   |  |  |  |  |  |  |  |  |                                                                   | H <sub>3</sub> PO <sub>4</sub> : HP |                            |
| Received Intact:      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | N/A                                                                 | Correction Factor:               | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | -0.6°C     |                                                                     |   |   |   |  |  |  |  |  |  |  |  | NaHSO <sub>4</sub> : NABIS                                        |                                     |                            |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | N/A                                                                 | Temperature Reading:             | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | -4.8°C     |                                                                     |   |   |   |  |  |  |  |  |  |  |  | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |                                     |                            |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | N/A                                                                 | Corrected Temperature:           | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | 4.2°C      |                                                                     |   |   |   |  |  |  |  |  |  |  |  | Zn Acetate+NaOH: Zn                                               |                                     |                            |
| Total Containers:     |                                                                     |                                                                     |                                  |                                                                     |            |                                                                     |   |   |   |  |  |  |  |  |  |  |  | NaOH+Ascorbic Acid: SAPC                                          |                                     |                            |
| Sample Identification | Date                                                                | Time                                                                | Soil                             | Water                                                               | Grab Comp  | # of Cont                                                           |   |   |   |  |  |  |  |  |  |  |  |                                                                   | Sample Comments                     |                            |
| S-8 (2)               | 6/13/2023                                                           |                                                                     | X                                |                                                                     | G          | 1                                                                   | X | X | X |  |  |  |  |  |  |  |  |                                                                   |                                     |                            |
| S-8 (3)               | 6/13/2023                                                           |                                                                     | X                                |                                                                     | G          | 1                                                                   | X | X | X |  |  |  |  |  |  |  |  |                                                                   |                                     |                            |
| S-9 (0-1)             | 6/13/2023                                                           |                                                                     | X                                |                                                                     | G          | 1                                                                   | X | X | X |  |  |  |  |  |  |  |  |                                                                   |                                     |                            |
| S-9 (1.5)             | 6/13/2023                                                           |                                                                     | X                                |                                                                     | G          | 1                                                                   | X | X | X |  |  |  |  |  |  |  |  |                                                                   |                                     |                            |
| S-9 (2)               | 6/13/2023                                                           |                                                                     | X                                |                                                                     | G          | 1                                                                   | X | X | X |  |  |  |  |  |  |  |  |                                                                   |                                     |                            |
| S-9 (3)               | 6/13/2023                                                           |                                                                     | X                                |                                                                     | G          | 1                                                                   | X | X | X |  |  |  |  |  |  |  |  |                                                                   |                                     |                            |
| S-10 (0-1)            | 6/13/2023                                                           |                                                                     | X                                |                                                                     | G          | 1                                                                   | X | X | X |  |  |  |  |  |  |  |  |                                                                   |                                     |                            |
| S-10 (1.5)            | 6/13/2023                                                           |                                                                     | X                                |                                                                     | G          | 1                                                                   | X | X | X |  |  |  |  |  |  |  |  |                                                                   |                                     |                            |
| S-10 (2)              | 6/13/2023                                                           |                                                                     | X                                |                                                                     | G          | 1                                                                   | X | X | X |  |  |  |  |  |  |  |  |                                                                   |                                     |                            |
| S-11 (0-1)            | 6/13/2023                                                           |                                                                     | X                                |                                                                     | G          | 1                                                                   | X | X | X |  |  |  |  |  |  |  |  |                                                                   |                                     |                            |

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

|                              |              |                          |           |
|------------------------------|--------------|--------------------------|-----------|
| Relinquished by: (Signature) | Date/Time    | Received by: (Signature) | Date/Time |
| <i>Mike Carmona</i>          | 6-13-23 1548 | <i>Conner Moehring</i>   |           |



## Chain of Custody

Work Order No:

H533033

Page 4 of 6

|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
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| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                                                                |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                                                            |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Perfund <input type="checkbox"/>                                       |  |
| State of Project:                                                                                                                                                                                              |  |
| Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> PRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                                                               |  |

|                       |                                                                     |                                                                     |                                  |                                                                     |            |                  |   |   |   |  |  |  |  |  |  |  |  |                    |                                                                                                                                                                                                                                                                                                                                                      |  |
|-----------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------|------------|------------------|---|---|---|--|--|--|--|--|--|--|--|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Project Name:         | Antero New Riser Spill                                              |                                                                     | Turn Around                      |                                                                     | Pres. Code | ANALYSIS REQUEST |   |   |   |  |  |  |  |  |  |  |  | Preservative Codes |                                                                                                                                                                                                                                                                                                                                                      |  |
| Project Number:       | 2054                                                                |                                                                     | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush                            |            |                  |   |   |   |  |  |  |  |  |  |  |  |                    | None: NO DI Water: H <sub>2</sub> O<br>Cool: Cool MeOH: Me<br>HCL: HC HNO <sub>3</sub> : HN<br>H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na<br>H <sub>3</sub> PO <sub>4</sub> : HP<br>NaHSO <sub>4</sub> : NABIS<br>Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub><br>Zn Acetate+NaOH: Zn<br>NaOH+Ascorbic Acid: SAPC |  |
| Project Location:     | Lea County, New Mexico                                              |                                                                     | Due Date:                        | 24 Hours                                                            |            |                  |   |   |   |  |  |  |  |  |  |  |  |                    |                                                                                                                                                                                                                                                                                                                                                      |  |
| Sampler's Name:       | CCM                                                                 |                                                                     |                                  |                                                                     |            |                  |   |   |   |  |  |  |  |  |  |  |  |                    |                                                                                                                                                                                                                                                                                                                                                      |  |
| PO #:                 |                                                                     |                                                                     |                                  |                                                                     |            |                  |   |   |   |  |  |  |  |  |  |  |  |                    |                                                                                                                                                                                                                                                                                                                                                      |  |
| SAMPLE RECEIPT        | Temp Blank:                                                         | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:                         | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |            |                  |   |   |   |  |  |  |  |  |  |  |  |                    |                                                                                                                                                                                                                                                                                                                                                      |  |
| Received Intact:      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID:                                                     | 113                              |                                                                     |            |                  |   |   |   |  |  |  |  |  |  |  |  |                    |                                                                                                                                                                                                                                                                                                                                                      |  |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor:                                                  | -0.66                            |                                                                     |            |                  |   |   |   |  |  |  |  |  |  |  |  |                    |                                                                                                                                                                                                                                                                                                                                                      |  |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Temperature Reading:                                                | 4.83                             |                                                                     |            |                  |   |   |   |  |  |  |  |  |  |  |  |                    |                                                                                                                                                                                                                                                                                                                                                      |  |
| Total Containers:     |                                                                     |                                                                     | Corrected Temperature:           | 4.22                                                                |            |                  |   |   |   |  |  |  |  |  |  |  |  |                    |                                                                                                                                                                                                                                                                                                                                                      |  |
| Sample Identification | Date                                                                | Time                                                                | Soil                             | Water                                                               | Grab/ Comp | # of Cont        |   |   |   |  |  |  |  |  |  |  |  |                    | Sample Comments                                                                                                                                                                                                                                                                                                                                      |  |
| S-11 (1.5')           | 6/13/2023                                                           |                                                                     | X                                |                                                                     | G          | 1                | X | X | X |  |  |  |  |  |  |  |  |                    |                                                                                                                                                                                                                                                                                                                                                      |  |
| S-12 (0-1')           | 6/13/2023                                                           |                                                                     | X                                |                                                                     | G          | 1                | X | X | X |  |  |  |  |  |  |  |  |                    |                                                                                                                                                                                                                                                                                                                                                      |  |
| S-12 (1.5')           | 6/13/2023                                                           |                                                                     | X                                |                                                                     | G          | 1                | X | X | X |  |  |  |  |  |  |  |  |                    |                                                                                                                                                                                                                                                                                                                                                      |  |
| S-13 (0-1')           | 6/13/2023                                                           |                                                                     | X                                |                                                                     | G          | 1                | X | X | X |  |  |  |  |  |  |  |  |                    |                                                                                                                                                                                                                                                                                                                                                      |  |
| S-13 (1.5')           | 6/13/2023                                                           |                                                                     | X                                |                                                                     | G          | 1                | X | X | X |  |  |  |  |  |  |  |  |                    |                                                                                                                                                                                                                                                                                                                                                      |  |
| S-13 (2')             | 6/13/2023                                                           |                                                                     | X                                |                                                                     | G          | 1                | X | X | X |  |  |  |  |  |  |  |  |                    |                                                                                                                                                                                                                                                                                                                                                      |  |
| S-14 (0-1')           | 6/13/2023                                                           |                                                                     | X                                |                                                                     | G          | 1                | X | X | X |  |  |  |  |  |  |  |  |                    |                                                                                                                                                                                                                                                                                                                                                      |  |
| S-14 (1.5')           | 6/13/2023                                                           |                                                                     | X                                |                                                                     | G          | 1                | X | X | X |  |  |  |  |  |  |  |  |                    |                                                                                                                                                                                                                                                                                                                                                      |  |
| S-14 (2')             | 6/13/2023                                                           |                                                                     | X                                |                                                                     | G          | 1                | X | X | X |  |  |  |  |  |  |  |  |                    |                                                                                                                                                                                                                                                                                                                                                      |  |
| S-15 (0-1')           | 6/13/2023                                                           |                                                                     | X                                |                                                                     | G          | 1                | X | X | X |  |  |  |  |  |  |  |  |                    |                                                                                                                                                                                                                                                                                                                                                      |  |

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

|                              |              |                          |           |
|------------------------------|--------------|--------------------------|-----------|
| Relinquished by: (Signature) | Date/Time    | Received by: (Signature) | Date/Time |
| <i>Mike</i>                  | 6-13-23 1540 | <i>James Kennedy</i>     |           |



## Chain of Custody

**Work Order No:**

4233033

Page 5 of 6

|                                                                                                                      |  |                                                                     |  |                                                                           |  |                                |  |                                                                                                                                                                                                                |  |           |  |           |  |                              |  |  |  |  |  |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------|--|---------------------------------------------------------------------------|--|--------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------|--|-----------|--|------------------------------|--|--|--|--|--|--|--|--|--|
| Project Manager:                                                                                                     |  | Conner Moehring                                                     |  | Bill to: (if different)                                                   |  | James Kennedy                  |  | Work Order Comments                                                                                                                                                                                            |  |           |  |           |  |                              |  |  |  |  |  |  |  |  |  |
| Company Name:                                                                                                        |  | Carmona Resources                                                   |  | Company Name:                                                             |  | EOG Resources                  |  | Program: UST/ST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> IRC <input type="checkbox"/> Iperfund <input type="checkbox"/>                                      |  |           |  |           |  |                              |  |  |  |  |  |  |  |  |  |
| Address:                                                                                                             |  | 310 W Wall St Ste 500                                               |  | Address:                                                                  |  | 5509 Champions Dr              |  | State of Project:                                                                                                                                                                                              |  |           |  |           |  |                              |  |  |  |  |  |  |  |  |  |
| City, State ZIP:                                                                                                     |  | Midland, TX 79701                                                   |  | City, State ZIP:                                                          |  | Midland, TX 79706              |  | Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> PRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |           |  |           |  |                              |  |  |  |  |  |  |  |  |  |
| Phone:                                                                                                               |  | 432-813-6823                                                        |  | Email:                                                                    |  | James.Kennedy@eogresources.com |  | Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: <input type="checkbox"/>                                                                                                      |  |           |  |           |  |                              |  |  |  |  |  |  |  |  |  |
| Project Name:                                                                                                        |  | Antero New Riser Spill                                              |  | Turn Around                                                               |  | Pres. Code                     |  | ANALYSIS REQUEST                                                                                                                                                                                               |  |           |  |           |  |                              |  |  |  |  |  |  |  |  |  |
| Project Number:                                                                                                      |  | 2054                                                                |  | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush |  |                                |  |                                                                                                                                                                                                                |  |           |  |           |  |                              |  |  |  |  |  |  |  |  |  |
| Project Location:                                                                                                    |  | Lea County, New Mexico                                              |  | Due Date:                                                                 |  | 24 Hours                       |  |                                                                                                                                                                                                                |  |           |  |           |  |                              |  |  |  |  |  |  |  |  |  |
| Sampler's Name:                                                                                                      |  | CCM                                                                 |  |                                                                           |  |                                |  |                                                                                                                                                                                                                |  |           |  |           |  |                              |  |  |  |  |  |  |  |  |  |
| PO #:                                                                                                                |  |                                                                     |  |                                                                           |  |                                |  |                                                                                                                                                                                                                |  |           |  |           |  |                              |  |  |  |  |  |  |  |  |  |
| SAMPLE RECEIPT                                                                                                       |  | Temp Blank:                                                         |  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>       |  | Wet Ice:                       |  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                                                                                                                            |  |           |  |           |  |                              |  |  |  |  |  |  |  |  |  |
| Received Intact:                                                                                                     |  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |  | Thermometer ID:                                                           |  | 113                            |  |                                                                                                                                                                                                                |  |           |  |           |  |                              |  |  |  |  |  |  |  |  |  |
| Cooler Custody Seals:                                                                                                |  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |  | Correction Factor:                                                        |  | -0.6°C                         |  |                                                                                                                                                                                                                |  |           |  |           |  |                              |  |  |  |  |  |  |  |  |  |
| Sample Custody Seals:                                                                                                |  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |  | Temperature Reading:                                                      |  | 4.8°C                          |  |                                                                                                                                                                                                                |  |           |  |           |  |                              |  |  |  |  |  |  |  |  |  |
| Total Containers:                                                                                                    |  |                                                                     |  | Corrected Temperature:                                                    |  | 4.2°C                          |  |                                                                                                                                                                                                                |  |           |  |           |  |                              |  |  |  |  |  |  |  |  |  |
| Sample Identification                                                                                                |  | Date                                                                |  | Time                                                                      |  | Soil                           |  | Water                                                                                                                                                                                                          |  | Grab/Comp |  | # of Cont |  | Parameters                   |  |  |  |  |  |  |  |  |  |
| S-15 (1.5')                                                                                                          |  | 6/13/2023                                                           |  |                                                                           |  | X                              |  | G                                                                                                                                                                                                              |  | G         |  | 1         |  | BTEX 8021B                   |  |  |  |  |  |  |  |  |  |
| S-16 (0-1')                                                                                                          |  | 6/13/2023                                                           |  |                                                                           |  | X                              |  | G                                                                                                                                                                                                              |  | G         |  | 1         |  | TPH 8015M ( GRO + DRO + MRO) |  |  |  |  |  |  |  |  |  |
| S-16 (1.5')                                                                                                          |  | 6/13/2023                                                           |  |                                                                           |  | X                              |  | G                                                                                                                                                                                                              |  | G         |  | 1         |  | Chloride 4500                |  |  |  |  |  |  |  |  |  |
| S-16 (2')                                                                                                            |  | 6/13/2023                                                           |  |                                                                           |  | X                              |  | G                                                                                                                                                                                                              |  | G         |  | 1         |  |                              |  |  |  |  |  |  |  |  |  |
| S-16 (3')                                                                                                            |  | 6/13/2023                                                           |  |                                                                           |  | X                              |  | G                                                                                                                                                                                                              |  | G         |  | 1         |  |                              |  |  |  |  |  |  |  |  |  |
| S-17 (0-1')                                                                                                          |  | 6/13/2023                                                           |  |                                                                           |  | X                              |  | G                                                                                                                                                                                                              |  | G         |  | 1         |  |                              |  |  |  |  |  |  |  |  |  |
| S-17 (1.5')                                                                                                          |  | 6/13/2023                                                           |  |                                                                           |  | X                              |  | G                                                                                                                                                                                                              |  | G         |  | 1         |  |                              |  |  |  |  |  |  |  |  |  |
| S-18 (0-1')                                                                                                          |  | 6/13/2023                                                           |  |                                                                           |  | X                              |  | G                                                                                                                                                                                                              |  | G         |  | 1         |  |                              |  |  |  |  |  |  |  |  |  |
| S-18 (1.5')                                                                                                          |  | 6/13/2023                                                           |  |                                                                           |  | X                              |  | G                                                                                                                                                                                                              |  | G         |  | 1         |  |                              |  |  |  |  |  |  |  |  |  |
| S-18 (2')                                                                                                            |  | 6/13/2023                                                           |  |                                                                           |  | X                              |  | G                                                                                                                                                                                                              |  | G         |  | 1         |  |                              |  |  |  |  |  |  |  |  |  |
| Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com |  |                                                                     |  |                                                                           |  |                                |  |                                                                                                                                                                                                                |  |           |  |           |  |                              |  |  |  |  |  |  |  |  |  |
| Relinquished by: (Signature)                                                                                         |  | Date/Time                                                           |  | Received by: (Signature)                                                  |  | Date/Time                      |  |                                                                                                                                                                                                                |  |           |  |           |  |                              |  |  |  |  |  |  |  |  |  |
| [Signature]                                                                                                          |  | 6/13/23 1540                                                        |  | [Signature]                                                               |  |                                |  |                                                                                                                                                                                                                |  |           |  |           |  |                              |  |  |  |  |  |  |  |  |  |



**Work Order No:**

4233033

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| Work Order Comments |                          |                              |                                      |                              |                                    |                          |                          |                          |                          |
|---------------------|--------------------------|------------------------------|--------------------------------------|------------------------------|------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Program:            | UST/ST                   | <input type="checkbox"/> PRP | <input type="checkbox"/> Brownfields | <input type="checkbox"/> TRC | <input type="checkbox"/> Superfund | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| State of Project:   |                          |                              |                                      |                              |                                    |                          |                          |                          |                          |
| Reporting Level II  | <input type="checkbox"/> | Level III                    | <input type="checkbox"/>             | ST/UST                       | <input type="checkbox"/>           | RRP                      | <input type="checkbox"/> | Level IV                 | <input type="checkbox"/> |
| Deliverables:       | EDD                      | <input type="checkbox"/>     | Adapt                                | <input type="checkbox"/>     | Other:                             |                          |                          |                          |                          |

[illegible]

**Comments:** Email to Mike Carmona / [Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com) and Conner Moehring / [Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)

| Relinquished by: (Signature)                                                      | Date/Time    | Received by: (Signature)                                                           | Date/Time |
|-----------------------------------------------------------------------------------|--------------|------------------------------------------------------------------------------------|-----------|
|  | 6-13-23 1540 |  |           |
|                                                                                   |              |                                                                                    |           |
|                                                                                   |              |                                                                                    |           |



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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June 29, 2023

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: ANTERO NEW RISER SPILL

Enclosed are the results of analyses for samples received by the laboratory on 06/28/23 8:03.

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/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 1 (0-1') (H233332-01)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.26 | 113        | 2.00          | 1.36  |           |  |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.24 | 112        | 2.00          | 1.80  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.13 | 106        | 2.00          | 0.346 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.59 | 110        | 6.00          | 1.83  |           |  |
| Total BTX      | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 52000  | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed 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            | 06/28/2023 | ND              | 190 | 95.0       | 200           | 3.24 |           |
| DRO >C10-C28*    | 27.1   | 10.0            | 06/28/2023 | ND              | 200 | 100        | 200           | 3.18 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 151 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 1 (1.5') (H233332-02)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.26 | 113        | 2.00          | 1.36  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.24 | 112        | 2.00          | 1.80  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.13 | 106        | 2.00          | 0.346 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.59 | 110        | 6.00          | 1.83  |           |
| Total BTX      | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 3440   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 190 | 95.0       | 200           | 3.24 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 200 | 100        | 200           | 3.18 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 1 (2') (H233332-03)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.26 | 113        | 2.00          | 1.36  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.24 | 112        | 2.00          | 1.80  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.13 | 106        | 2.00          | 0.346 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.59 | 110        | 6.00          | 1.83  |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 3800   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 190 | 95.0       | 200           | 3.24 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 200 | 100        | 200           | 3.18 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 1 (3') (H233332-04)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.26 | 113        | 2.00          | 1.36  |           |  |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.24 | 112        | 2.00          | 1.80  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.13 | 106        | 2.00          | 0.346 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.59 | 110        | 6.00          | 1.83  |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 3000   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 190 | 95.0       | 200           | 3.24 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 200 | 100        | 200           | 3.18 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 1 (4') (H233332-05)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.26 | 113        | 2.00          | 1.36  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.24 | 112        | 2.00          | 1.80  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.13 | 106        | 2.00          | 0.346 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.59 | 110        | 6.00          | 1.83  |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 96.0   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 190 | 95.0       | 200           | 3.24 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 200 | 100        | 200           | 3.18 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 2 (0-1') (H233332-06)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.09 | 104        | 2.00          | 1.82  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.05 | 103        | 2.00          | 1.60  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.01 | 101        | 2.00          | 0.955 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.08 | 101        | 6.00          | 1.68  |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 2200   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 204 | 102        | 200           | 0.799 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 199 | 99.4       | 200           | 0.923 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 2 (1.5') (H233332-07)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.09 | 104        | 2.00          | 1.82  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.05 | 103        | 2.00          | 1.60  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.01 | 101        | 2.00          | 0.955 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.08 | 101        | 6.00          | 1.68  |           |
| Total BTEx     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 1360   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 204 | 102        | 200           | 0.799 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 199 | 99.4       | 200           | 0.923 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 2 (2') (H233332-08)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.09 | 104        | 2.00          | 1.82  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.05 | 103        | 2.00          | 1.60  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.01 | 101        | 2.00          | 0.955 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.08 | 101        | 6.00          | 1.68  |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1920   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 204 | 102        | 200           | 0.799 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 199 | 99.4       | 200           | 0.923 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 2 (3') (H233332-09)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.09 | 104        | 2.00          | 1.82  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.05 | 103        | 2.00          | 1.60  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.01 | 101        | 2.00          | 0.955 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.08 | 101        | 6.00          | 1.68  |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 3760   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 204 | 102        | 200           | 0.799 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 199 | 99.4       | 200           | 0.923 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 2 (4') (H233332-10)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.09 | 104        | 2.00          | 1.82  |           |  |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.05 | 103        | 2.00          | 1.60  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.01 | 101        | 2.00          | 0.955 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.08 | 101        | 6.00          | 1.68  |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 96.0   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 204 | 102        | 200           | 0.799 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 199 | 99.4       | 200           | 0.923 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 3 (0-1') (H233332-11)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.09 | 104        | 2.00          | 1.82  |           |  |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.05 | 103        | 2.00          | 1.60  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.01 | 101        | 2.00          | 0.955 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.08 | 101        | 6.00          | 1.68  |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 5360   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 204 | 102        | 200           | 0.799 |           |
| DRO >C10-C28*    | 15.3   | 10.0            | 06/28/2023 | ND              | 199 | 99.4       | 200           | 0.923 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 3 (1.5') (H233332-12)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.09 | 104        | 2.00          | 1.82  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.05 | 103        | 2.00          | 1.60  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.01 | 101        | 2.00          | 0.955 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.08 | 101        | 6.00          | 1.68  |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 5600   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 204 | 102        | 200           | 0.799 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 199 | 99.4       | 200           | 0.923 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 3 (2') (H233332-13)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.09 | 104        | 2.00          | 1.82  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.05 | 103        | 2.00          | 1.60  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.01 | 101        | 2.00          | 0.955 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.08 | 101        | 6.00          | 1.68  |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 5600   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 204 | 102        | 200           | 0.799 |           |
| DRO >C10-C28*    | 12.2   | 10.0            | 06/28/2023 | ND              | 199 | 99.4       | 200           | 0.923 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 3 (3') (H233332-14)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.09 | 104        | 2.00          | 1.82  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.05 | 103        | 2.00          | 1.60  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.01 | 101        | 2.00          | 0.955 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.08 | 101        | 6.00          | 1.68  |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 6640   | 16.0            | 06/28/2023 | ND              | 416 | 104        | 400           | 0.00 | QM-07     |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 204 | 102        | 200           | 0.799 |           |
| DRO >C10-C28*    | 18.1   | 10.0            | 06/28/2023 | ND              | 199 | 99.4       | 200           | 0.923 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 3 (4') (H233332-15)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.09 | 104        | 2.00          | 1.82  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.05 | 103        | 2.00          | 1.60  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.01 | 101        | 2.00          | 0.955 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.08 | 101        | 6.00          | 1.68  |           |
| Total BTEx     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 2840   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 204 | 102        | 200           | 0.799 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 199 | 99.4       | 200           | 0.923 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 3 (5') (H233332-16)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.09 | 104        | 2.00          | 1.82  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.05 | 103        | 2.00          | 1.60  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.01 | 101        | 2.00          | 0.955 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.08 | 101        | 6.00          | 1.68  |           |
| Total BTX      | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1720   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 204 | 102        | 200           | 0.799 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 199 | 99.4       | 200           | 0.923 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 3 (6') (H233332-17)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.09 | 104        | 2.00          | 1.82  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.05 | 103        | 2.00          | 1.60  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.01 | 101        | 2.00          | 0.955 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.08 | 101        | 6.00          | 1.68  |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 384    | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 204 | 102        | 200           | 0.799 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 199 | 99.4       | 200           | 0.923 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 4 (0-1') (H233332-18)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.09 | 104        | 2.00          | 1.82  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.05 | 103        | 2.00          | 1.60  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.01 | 101        | 2.00          | 0.955 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.08 | 101        | 6.00          | 1.68  |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 20800  | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 204 | 102        | 200           | 0.799 |           |
| DRO >C10-C28*    | 258    | 10.0            | 06/28/2023 | ND              | 199 | 99.4       | 200           | 0.923 |           |
| EXT DRO >C28-C36 | 122    | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 4 (1.5') (H233332-19)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.09 | 104        | 2.00          | 1.82  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.05 | 103        | 2.00          | 1.60  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.01 | 101        | 2.00          | 0.955 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.08 | 101        | 6.00          | 1.68  |           |
| Total BTEx     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 5760   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 204 | 102        | 200           | 0.799 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 199 | 99.4       | 200           | 0.923 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 4 (2') (H233332-20)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.09 | 104        | 2.00          | 1.82  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.05 | 103        | 2.00          | 1.60  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.01 | 101        | 2.00          | 0.955 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.08 | 101        | 6.00          | 1.68  |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 2520   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 204 | 102        | 200           | 0.799 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 199 | 99.4       | 200           | 0.923 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 4 (3') (H233332-21)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.09 | 104        | 2.00          | 1.82  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.05 | 103        | 2.00          | 1.60  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.01 | 101        | 2.00          | 0.955 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.08 | 101        | 6.00          | 1.68  |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 240    | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 204 | 102        | 200           | 0.799 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 199 | 99.4       | 200           | 0.923 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 4 (4') (H233332-22)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.09 | 104        | 2.00          | 1.82  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.05 | 103        | 2.00          | 1.60  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.01 | 101        | 2.00          | 0.955 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.08 | 101        | 6.00          | 1.68  |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 768    | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 204 | 102        | 200           | 0.799 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 199 | 99.4       | 200           | 0.923 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 4 (5') (H233332-23)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.09 | 104        | 2.00          | 1.82  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.05 | 103        | 2.00          | 1.60  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.01 | 101        | 2.00          | 0.955 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.08 | 101        | 6.00          | 1.68  |           |
| Total BTEx     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 80.0   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 204 | 102        | 200           | 0.799 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 199 | 99.4       | 200           | 0.923 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 5 (0-1') (H233332-24)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.09 | 104        | 2.00          | 1.82  |           |  |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.05 | 103        | 2.00          | 1.60  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.01 | 101        | 2.00          | 0.955 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.08 | 101        | 6.00          | 1.68  |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 23200  | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 204 | 102        | 200           | 0.799 |           |
| DRO >C10-C28*    | 37.8   | 10.0            | 06/28/2023 | ND              | 199 | 99.4       | 200           | 0.923 |           |
| EXT DRO >C28-C36 | 17.7   | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 5 (1.5') (H233332-25)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.09 | 104        | 2.00          | 1.82  |           |  |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.05 | 103        | 2.00          | 1.60  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.01 | 101        | 2.00          | 0.955 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.08 | 101        | 6.00          | 1.68  |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 4720   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 204 | 102        | 200           | 0.799 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 199 | 99.4       | 200           | 0.923 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 5 (2') (H233332-26)**

| 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           | 06/28/2023 | ND               | 2.07 | 103        | 2.00          | 2.09  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 1.97 | 98.7       | 2.00          | 0.435 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.11 | 106        | 2.00          | 0.571 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.42 | 107        | 6.00          | 0.268 |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 2320   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 215 | 108        | 200           | 2.71  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 205 | 103        | 200           | 0.443 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 5 (3') (H233332-27)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.07 | 103        | 2.00          | 2.09  |           |  |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 1.97 | 98.7       | 2.00          | 0.435 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.11 | 106        | 2.00          | 0.571 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.42 | 107        | 6.00          | 0.268 |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 2440   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 215 | 108        | 200           | 2.71  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 205 | 103        | 200           | 0.443 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 5 (4') (H233332-28)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.07 | 103        | 2.00          | 2.09  |           |  |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 1.97 | 98.7       | 2.00          | 0.435 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.11 | 106        | 2.00          | 0.571 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.42 | 107        | 6.00          | 0.268 |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48.0   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 215 | 108        | 200           | 2.71  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 205 | 103        | 200           | 0.443 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 6 (0-1') (H233332-29)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.07 | 103        | 2.00          | 2.09  |           |  |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 1.97 | 98.7       | 2.00          | 0.435 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.11 | 106        | 2.00          | 0.571 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.42 | 107        | 6.00          | 0.268 |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 5360   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 215 | 108        | 200           | 2.71  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 205 | 103        | 200           | 0.443 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 6 (1.5') (H233332-30)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.07 | 103        | 2.00          | 2.09  |           |  |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 1.97 | 98.7       | 2.00          | 0.435 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.11 | 106        | 2.00          | 0.571 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.42 | 107        | 6.00          | 0.268 |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 240    | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 215 | 108        | 200           | 2.71  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 205 | 103        | 200           | 0.443 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 6 (2') (H233332-31)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.07 | 103        | 2.00          | 2.09  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 1.97 | 98.7       | 2.00          | 0.435 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.11 | 106        | 2.00          | 0.571 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.42 | 107        | 6.00          | 0.268 |           |
| Total BTX      | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 176    | 16.0            | 06/28/2023 | ND              | 416 | 104        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed 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            | 06/28/2023 | ND              | 215 | 108        | 200           | 2.71  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 205 | 103        | 200           | 0.443 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 136 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 6 (3') (H233332-32)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.07 | 103        | 2.00          | 2.09  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 1.97 | 98.7       | 2.00          | 0.435 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.11 | 106        | 2.00          | 0.571 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.42 | 107        | 6.00          | 0.268 |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48.0   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 215 | 108        | 200           | 2.71  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 205 | 103        | 200           | 0.443 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 6 (4') (H233332-33)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.07 | 103        | 2.00          | 2.09  |           |  |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 1.97 | 98.7       | 2.00          | 0.435 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.11 | 106        | 2.00          | 0.571 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.42 | 107        | 6.00          | 0.268 |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 215 | 108        | 200           | 2.71  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 205 | 103        | 200           | 0.443 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 7 (0-1') (H233332-34)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.07 | 103        | 2.00          | 2.09  |           |  |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 1.97 | 98.7       | 2.00          | 0.435 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.11 | 106        | 2.00          | 0.571 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.42 | 107        | 6.00          | 0.268 |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 30400  | 16.0            | 06/28/2023 | ND              | 416 | 104        | 400           | 0.00 | QM-07     |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 215 | 108        | 200           | 2.71  |           |
| DRO >C10-C28*    | 36.4   | 10.0            | 06/28/2023 | ND              | 205 | 103        | 200           | 0.443 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 7 (1.5') (H233332-35)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.07 | 103        | 2.00          | 2.09  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 1.97 | 98.7       | 2.00          | 0.435 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.11 | 106        | 2.00          | 0.571 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.42 | 107        | 6.00          | 0.268 |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 4400   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 215 | 108        | 200           | 2.71  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 205 | 103        | 200           | 0.443 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 7 (2') (H233332-36)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.07 | 103        | 2.00          | 2.09  |           |  |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 1.97 | 98.7       | 2.00          | 0.435 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.11 | 106        | 2.00          | 0.571 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.42 | 107        | 6.00          | 0.268 |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 3280   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 215 | 108        | 200           | 2.71  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 205 | 103        | 200           | 0.443 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 7 (3') (H233332-37)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.07 | 103        | 2.00          | 2.09  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 1.97 | 98.7       | 2.00          | 0.435 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.11 | 106        | 2.00          | 0.571 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.42 | 107        | 6.00          | 0.268 |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1230   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 215 | 108        | 200           | 2.71  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 205 | 103        | 200           | 0.443 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/28/2023  
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 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 7 (4') (H233332-38)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.07 | 103        | 2.00          | 2.09  |           |  |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 1.97 | 98.7       | 2.00          | 0.435 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.11 | 106        | 2.00          | 0.571 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.42 | 107        | 6.00          | 0.268 |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 215 | 108        | 200           | 2.71  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 205 | 103        | 200           | 0.443 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 8 (0-1') (H233332-39)**

| 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           | 06/28/2023 | ND               | 2.07 | 103        | 2.00          | 2.09  |           |  |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 1.97 | 98.7       | 2.00          | 0.435 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.11 | 106        | 2.00          | 0.571 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.42 | 107        | 6.00          | 0.268 |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 7860   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 215 | 108        | 200           | 2.71  |           |
| DRO >C10-C28*    | 2320   | 10.0            | 06/28/2023 | ND              | 205 | 103        | 200           | 0.443 |           |
| EXT DRO >C28-C36 | 639    | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 8 (1.5') (H233332-40)**

| 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           | 06/28/2023 | ND               | 2.07 | 103        | 2.00          | 2.09  |           |  |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 1.97 | 98.7       | 2.00          | 0.435 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.11 | 106        | 2.00          | 0.571 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.42 | 107        | 6.00          | 0.268 |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 6400   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 215 | 108        | 200           | 2.71  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 205 | 103        | 200           | 0.443 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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 Fax To:

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 8 (2') (H233332-41)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.07 | 103        | 2.00          | 2.09  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 1.97 | 98.7       | 2.00          | 0.435 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.11 | 106        | 2.00          | 0.571 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.42 | 107        | 6.00          | 0.268 |           |
| Total BTEx     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1840   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 215 | 108        | 200           | 2.71  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 205 | 103        | 200           | 0.443 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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 MIDLAND TX, 79701  
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 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 8 (3') (H233332-42)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.07 | 103        | 2.00          | 2.09  |           |  |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 1.97 | 98.7       | 2.00          | 0.435 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.11 | 106        | 2.00          | 0.571 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.42 | 107        | 6.00          | 0.268 |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 384    | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 215 | 108        | 200           | 2.71  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 205 | 103        | 200           | 0.443 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 8 (4') (H233332-43)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.07 | 103        | 2.00          | 2.09  |           |  |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 1.97 | 98.7       | 2.00          | 0.435 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.11 | 106        | 2.00          | 0.571 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.42 | 107        | 6.00          | 0.268 |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 215 | 108        | 200           | 2.71  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 205 | 103        | 200           | 0.443 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 9 (0-1') (H233332-44)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.07 | 103        | 2.00          | 2.09  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 1.97 | 98.7       | 2.00          | 0.435 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.11 | 106        | 2.00          | 0.571 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.42 | 107        | 6.00          | 0.268 |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 8000   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 215 | 108        | 200           | 2.71  |           |
| DRO >C10-C28*    | 184    | 10.0            | 06/28/2023 | ND              | 205 | 103        | 200           | 0.443 |           |
| EXT DRO >C28-C36 | 79.0   | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 9 (1.5') (H233332-45)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.07 | 103        | 2.00          | 2.09  |           |  |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 1.97 | 98.7       | 2.00          | 0.435 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.11 | 106        | 2.00          | 0.571 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.42 | 107        | 6.00          | 0.268 |           |  |
| Total BTX      | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 4400   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 215 | 108        | 200           | 2.71  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 205 | 103        | 200           | 0.443 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 9 (2') (H233332-46)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.08 | 104        | 2.00          | 1.01  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.06 | 103        | 2.00          | 0.716 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.03 | 102        | 2.00          | 1.10  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.13 | 102        | 6.00          | 2.21  |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 5440   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 209 | 104        | 200           | 1.07  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 188 | 94.0       | 200           | 0.791 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 72.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.7 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 9 (3') (H233332-47)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.08 | 104        | 2.00          | 1.01  |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.06 | 103        | 2.00          | 0.716 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.03 | 102        | 2.00          | 1.10  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.13 | 102        | 6.00          | 2.21  |           |
| Total BTX      | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 5520   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 209 | 104        | 200           | 1.07  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 188 | 94.0       | 200           | 0.791 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 9 (4') (H233332-48)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.08 | 104        | 2.00          | 1.01  |           |
| Toluene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.06 | 103        | 2.00          | 0.716 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/29/2023 | ND              | 2.03 | 102        | 2.00          | 1.10  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/29/2023 | ND              | 6.13 | 102        | 6.00          | 2.21  |           |
| Total BTX      | <0.300 | 0.300           | 06/29/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 4400   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 209 | 104        | 200           | 1.07  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 188 | 94.0       | 200           | 0.791 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 9 (5') (H233332-49)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.08 | 104        | 2.00          | 1.01  |           |
| Toluene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.06 | 103        | 2.00          | 0.716 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/29/2023 | ND              | 2.03 | 102        | 2.00          | 1.10  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/29/2023 | ND              | 6.13 | 102        | 6.00          | 2.21  |           |
| Total BTX      | <0.300 | 0.300           | 06/29/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 3000   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 209 | 104        | 200           | 1.07  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 188 | 94.0       | 200           | 0.791 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 51.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 54.4 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 9 (6') (H233332-50)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.08 | 104        | 2.00          | 1.01  |           |
| Toluene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.06 | 103        | 2.00          | 0.716 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/29/2023 | ND              | 2.03 | 102        | 2.00          | 1.10  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/29/2023 | ND              | 6.13 | 102        | 6.00          | 2.21  |           |
| Total BTX      | <0.300 | 0.300           | 06/29/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 288    | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 209 | 104        | 200           | 1.07  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 188 | 94.0       | 200           | 0.791 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 51.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 54.1 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 10 (0-1') (H233332-51)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.08 | 104        | 2.00          | 1.01  |           |
| Toluene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.06 | 103        | 2.00          | 0.716 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/29/2023 | ND              | 2.03 | 102        | 2.00          | 1.10  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/29/2023 | ND              | 6.13 | 102        | 6.00          | 2.21  |           |
| Total BTEx     | <0.300 | 0.300           | 06/29/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 4640   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 209 | 104        | 200           | 1.07  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 188 | 94.0       | 200           | 0.791 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 10 (1.5') (H233332-52)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.08 | 104        | 2.00          | 1.01  |           |
| Toluene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.06 | 103        | 2.00          | 0.716 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/29/2023 | ND              | 2.03 | 102        | 2.00          | 1.10  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/29/2023 | ND              | 6.13 | 102        | 6.00          | 2.21  |           |
| Total BTX      | <0.300 | 0.300           | 06/29/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 209 | 104        | 200           | 1.07  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 188 | 94.0       | 200           | 0.791 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 10 (2') (H233332-53)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.08 | 104        | 2.00          | 1.01  |           |
| Toluene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.06 | 103        | 2.00          | 0.716 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/29/2023 | ND              | 2.03 | 102        | 2.00          | 1.10  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/29/2023 | ND              | 6.13 | 102        | 6.00          | 2.21  |           |
| Total BTEX     | <0.300 | 0.300           | 06/29/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 16.0   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 209 | 104        | 200           | 1.07  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 188 | 94.0       | 200           | 0.791 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 10 (3') (H233332-54)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.08 | 104        | 2.00          | 1.01  |           |
| Toluene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.06 | 103        | 2.00          | 0.716 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/29/2023 | ND              | 2.03 | 102        | 2.00          | 1.10  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/29/2023 | ND              | 6.13 | 102        | 6.00          | 2.21  |           |
| Total BTEX     | <0.300 | 0.300           | 06/29/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 32.0   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 209 | 104        | 200           | 1.07  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 188 | 94.0       | 200           | 0.791 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 10 (4') (H233332-55)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.08 | 104        | 2.00          | 1.01  |           |
| Toluene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.06 | 103        | 2.00          | 0.716 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/29/2023 | ND              | 2.03 | 102        | 2.00          | 1.10  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/29/2023 | ND              | 6.13 | 102        | 6.00          | 2.21  |           |
| Total BTX      | <0.300 | 0.300           | 06/29/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 48.0   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 209 | 104        | 200           | 1.07  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 188 | 94.0       | 200           | 0.791 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 11 (0-1') (H233332-56)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.08 | 104        | 2.00          | 1.01  |           |
| Toluene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.06 | 103        | 2.00          | 0.716 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/29/2023 | ND              | 2.03 | 102        | 2.00          | 1.10  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/29/2023 | ND              | 6.13 | 102        | 6.00          | 2.21  |           |
| Total BTEx     | <0.300 | 0.300           | 06/29/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 19800  | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 209 | 104        | 200           | 1.07  |           |
| DRO >C10-C28*    | 33.4   | 10.0            | 06/28/2023 | ND              | 188 | 94.0       | 200           | 0.791 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 11 (1.5') (H233332-57)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.08 | 104        | 2.00          | 1.01  |           |
| Toluene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.06 | 103        | 2.00          | 0.716 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/29/2023 | ND              | 2.03 | 102        | 2.00          | 1.10  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/29/2023 | ND              | 6.13 | 102        | 6.00          | 2.21  |           |
| Total BTEX     | <0.300 | 0.300           | 06/29/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 48.0   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 209 | 104        | 200           | 1.07  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 188 | 94.0       | 200           | 0.791 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 11 (2') (H233332-58)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.08 | 104        | 2.00          | 1.01  |           |
| Toluene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.06 | 103        | 2.00          | 0.716 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/29/2023 | ND              | 2.03 | 102        | 2.00          | 1.10  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/29/2023 | ND              | 6.13 | 102        | 6.00          | 2.21  |           |
| Total BTEX     | <0.300 | 0.300           | 06/29/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 32.0   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 209 | 104        | 200           | 1.07  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 188 | 94.0       | 200           | 0.791 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 11 (3') (H233332-59)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.08 | 104        | 2.00          | 1.01  |           |
| Toluene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.06 | 103        | 2.00          | 0.716 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/29/2023 | ND              | 2.03 | 102        | 2.00          | 1.10  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/29/2023 | ND              | 6.13 | 102        | 6.00          | 2.21  |           |
| Total BTEX     | <0.300 | 0.300           | 06/29/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 32.0   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 209 | 104        | 200           | 1.07  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 188 | 94.0       | 200           | 0.791 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 11 (4') (H233332-60)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.08 | 104        | 2.00          | 1.01  |           |
| Toluene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.06 | 103        | 2.00          | 0.716 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/29/2023 | ND              | 2.03 | 102        | 2.00          | 1.10  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/29/2023 | ND              | 6.13 | 102        | 6.00          | 2.21  |           |
| Total BTX      | <0.300 | 0.300           | 06/29/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 209 | 104        | 200           | 1.07  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 188 | 94.0       | 200           | 0.791 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 12 (0-1') (H233332-61)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.08 | 104        | 2.00          | 1.01  |           |
| Toluene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.06 | 103        | 2.00          | 0.716 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/29/2023 | ND              | 2.03 | 102        | 2.00          | 1.10  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/29/2023 | ND              | 6.13 | 102        | 6.00          | 2.21  |           |
| Total BTEx     | <0.300 | 0.300           | 06/29/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 3920   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 209 | 104        | 200           | 1.07  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 188 | 94.0       | 200           | 0.791 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 12 (1.5') (H233332-62)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.08 | 104        | 2.00          | 1.01  |           |
| Toluene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.06 | 103        | 2.00          | 0.716 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/29/2023 | ND              | 2.03 | 102        | 2.00          | 1.10  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/29/2023 | ND              | 6.13 | 102        | 6.00          | 2.21  |           |
| Total BTX      | <0.300 | 0.300           | 06/29/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 4400   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 209 | 104        | 200           | 1.07  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 188 | 94.0       | 200           | 0.791 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 12 (2') (H233332-63)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.08 | 104        | 2.00          | 1.01  |           |
| Toluene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.06 | 103        | 2.00          | 0.716 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/29/2023 | ND              | 2.03 | 102        | 2.00          | 1.10  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/29/2023 | ND              | 6.13 | 102        | 6.00          | 2.21  |           |
| Total BTEX     | <0.300 | 0.300           | 06/29/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 6240   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 209 | 104        | 200           | 1.07  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 188 | 94.0       | 200           | 0.791 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 12 (3') (H233332-64)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.08 | 104        | 2.00          | 1.01  |           |
| Toluene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.06 | 103        | 2.00          | 0.716 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/29/2023 | ND              | 2.03 | 102        | 2.00          | 1.10  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/29/2023 | ND              | 6.13 | 102        | 6.00          | 2.21  |           |
| Total BTX      | <0.300 | 0.300           | 06/29/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 7280   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 209 | 104        | 200           | 1.07  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 188 | 94.0       | 200           | 0.791 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 12 (4') (H233332-65)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.08 | 104        | 2.00          | 1.01  |           |
| Toluene*       | <0.050 | 0.050           | 06/29/2023 | ND              | 2.06 | 103        | 2.00          | 0.716 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/29/2023 | ND              | 2.03 | 102        | 2.00          | 1.10  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/29/2023 | ND              | 6.13 | 102        | 6.00          | 2.21  |           |
| Total BTEX     | <0.300 | 0.300           | 06/29/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 224    | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 209 | 104        | 200           | 1.07  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 188 | 94.0       | 200           | 0.791 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 13 (0-1') (H233332-66)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.08 | 104        | 2.00          | 0.0729 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.06 | 103        | 2.00          | 0.211  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.03 | 102        | 2.00          | 0.460  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.11 | 102        | 6.00          | 1.34   |           |
| Total BTX      | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 6800   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 200 | 100        | 200           | 1.07 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 207 | 104        | 200           | 1.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 133 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 13 (1.5') (H233332-67)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.08 | 104        | 2.00          | 0.0729 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.06 | 103        | 2.00          | 0.211  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.03 | 102        | 2.00          | 0.460  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.11 | 102        | 6.00          | 1.34   |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 5760   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 200 | 100        | 200           | 1.07 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 207 | 104        | 200           | 1.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 131 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 13 (2') (H233332-68)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.08 | 104        | 2.00          | 0.0729 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.06 | 103        | 2.00          | 0.211  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.03 | 102        | 2.00          | 0.460  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.11 | 102        | 6.00          | 1.34   |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 6080   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed 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            | 06/28/2023 | ND              | 200 | 100        | 200           | 1.07 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 207 | 104        | 200           | 1.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 144 % 48.2-134

Surrogate: 1-Chlorooctadecane 151 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 13 (3') (H233332-69)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.08 | 104        | 2.00          | 0.0729 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.06 | 103        | 2.00          | 0.211  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.03 | 102        | 2.00          | 0.460  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.11 | 102        | 6.00          | 1.34   |           |
| Total BTEx     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 8080   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 200 | 100        | 200           | 1.07 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 207 | 104        | 200           | 1.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 13 (4') (H233332-70)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.08 | 104        | 2.00          | 0.0729 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.06 | 103        | 2.00          | 0.211  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.03 | 102        | 2.00          | 0.460  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.11 | 102        | 6.00          | 1.34   |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 7120   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 200 | 100        | 200           | 1.07 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 207 | 104        | 200           | 1.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 134 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 13 (5') (H233332-71)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.08 | 104        | 2.00          | 0.0729 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.06 | 103        | 2.00          | 0.211  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.03 | 102        | 2.00          | 0.460  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.11 | 102        | 6.00          | 1.34   |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 7120   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed 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            | 06/28/2023 | ND              | 200 | 100        | 200           | 1.07 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 207 | 104        | 200           | 1.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 143 % 48.2-134

Surrogate: 1-Chlorooctadecane 150 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 13 (6') (H233332-72)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.08 | 104        | 2.00          | 0.0729 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.06 | 103        | 2.00          | 0.211  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.03 | 102        | 2.00          | 0.460  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.11 | 102        | 6.00          | 1.34   |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 6160   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 200 | 100        | 200           | 1.07 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 207 | 104        | 200           | 1.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 13 (7') (H233332-73)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.08 | 104        | 2.00          | 0.0729 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.06 | 103        | 2.00          | 0.211  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.03 | 102        | 2.00          | 0.460  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.11 | 102        | 6.00          | 1.34   |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 2400   | 16.0            | 06/28/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/28/2023 | ND              | 200 | 100        | 200           | 1.07 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 207 | 104        | 200           | 1.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 13 (8') (H233332-74)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.08 | 104        | 2.00          | 0.0729 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.06 | 103        | 2.00          | 0.211  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.03 | 102        | 2.00          | 0.460  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.11 | 102        | 6.00          | 1.34   |           |
| Total BTX      | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 128    | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 200 | 100        | 200           | 1.07 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 207 | 104        | 200           | 1.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 14 (0-1') (H233332-75)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.08 | 104        | 2.00          | 0.0729 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.06 | 103        | 2.00          | 0.211  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.03 | 102        | 2.00          | 0.460  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.11 | 102        | 6.00          | 1.34   |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 6240   | 16.0            | 06/28/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed 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            | 06/28/2023 | ND              | 200 | 100        | 200           | 1.07 |           |
| DRO >C10-C28*    | 94.0   | 10.0            | 06/28/2023 | ND              | 207 | 104        | 200           | 1.29 |           |
| EXT DRO >C28-C36 | 43.5   | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 141 % 48.2-134

Surrogate: 1-Chlorooctadecane 151 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 14 (1.5') (H233332-76)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.08 | 104        | 2.00          | 0.0729 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.06 | 103        | 2.00          | 0.211  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.03 | 102        | 2.00          | 0.460  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.11 | 102        | 6.00          | 1.34   |           |
| Total BTX      | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 3520   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 200 | 100        | 200           | 1.07 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 207 | 104        | 200           | 1.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 14 (2') (H233332-77)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.08 | 104        | 2.00          | 0.0729 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.06 | 103        | 2.00          | 0.211  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.03 | 102        | 2.00          | 0.460  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.11 | 102        | 6.00          | 1.34   |           |
| Total BTX      | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 1180   | 16.0            | 06/28/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed 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            | 06/28/2023 | ND              | 200 | 100        | 200           | 1.07 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 207 | 104        | 200           | 1.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 141 % 48.2-134

Surrogate: 1-Chlorooctadecane 150 % 49.1-148

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 CONNER MOEHRING  
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 MIDLAND TX, 79701  
 Fax To:

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 14 (3') (H233332-78)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.08 | 104        | 2.00          | 0.0729 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.06 | 103        | 2.00          | 0.211  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.03 | 102        | 2.00          | 0.460  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.11 | 102        | 6.00          | 1.34   |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 2680   | 16.0            | 06/28/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed 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            | 06/28/2023 | ND              | 200 | 100        | 200           | 1.07 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 207 | 104        | 200           | 1.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 142 % 48.2-134

Surrogate: 1-Chlorooctadecane 151 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 14 (4') (H233332-79)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.08 | 104        | 2.00          | 0.0729 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.06 | 103        | 2.00          | 0.211  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.03 | 102        | 2.00          | 0.460  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.11 | 102        | 6.00          | 1.34   |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 1410   | 16.0            | 06/28/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed 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            | 06/28/2023 | ND              | 200 | 100        | 200           | 1.07 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 207 | 104        | 200           | 1.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 136 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 14 (5') (H233332-80)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.08 | 104        | 2.00          | 0.0729 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.06 | 103        | 2.00          | 0.211  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.03 | 102        | 2.00          | 0.460  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.11 | 102        | 6.00          | 1.34   |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 128    | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 200 | 100        | 200           | 1.07 |           |
| DRO >C10-C28*    | 11.5   | 10.0            | 06/28/2023 | ND              | 207 | 104        | 200           | 1.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 15 (0-1') (H233332-81)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.08 | 104        | 2.00          | 0.0729 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.06 | 103        | 2.00          | 0.211  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.03 | 102        | 2.00          | 0.460  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.11 | 102        | 6.00          | 1.34   |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |        |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 2320   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 200 | 100        | 200           | 1.07 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 207 | 104        | 200           | 1.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 131 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 15 (1.5') (H233332-82)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.08 | 104        | 2.00          | 0.0729 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.06 | 103        | 2.00          | 0.211  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.03 | 102        | 2.00          | 0.460  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.11 | 102        | 6.00          | 1.34   |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 06/28/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed 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            | 06/28/2023 | ND              | 200 | 100        | 200           | 1.07 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 207 | 104        | 200           | 1.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 135 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 15 (2') (H233332-83)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.08 | 104        | 2.00          | 0.0729 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.06 | 103        | 2.00          | 0.211  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.03 | 102        | 2.00          | 0.460  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.11 | 102        | 6.00          | 1.34   |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 32.0   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 200 | 100        | 200           | 1.07 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 207 | 104        | 200           | 1.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 15 (3') (H233332-84)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.08 | 104        | 2.00          | 0.0729 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.06 | 103        | 2.00          | 0.211  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.03 | 102        | 2.00          | 0.460  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.11 | 102        | 6.00          | 1.34   |           |
| Total BTX      | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 64.0   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 200 | 100        | 200           | 1.07 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 207 | 104        | 200           | 1.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 15 (4') (H233332-85)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.08 | 104        | 2.00          | 0.0729 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND              | 2.06 | 103        | 2.00          | 0.211  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND              | 2.03 | 102        | 2.00          | 0.460  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND              | 6.11 | 102        | 6.00          | 1.34   |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 16.0   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 200 | 100        | 200           | 1.07 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 207 | 104        | 200           | 1.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 16 (0-1') (H233332-86)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.05 | 103        | 2.00          | 1.44 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.15 | 107        | 2.00          | 7.16 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.18 | 109        | 2.00          | 2.26 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.53 | 109        | 6.00          | 2.47 |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 15200  | 16.0            | 06/28/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed 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            | 06/28/2023 | ND              | 198 | 98.9       | 200           | 3.05 |           |
| DRO >C10-C28*    | 907    | 10.0            | 06/28/2023 | ND              | 181 | 90.5       | 200           | 2.15 |           |
| EXT DRO >C28-C36 | 335    | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 143 % 48.2-134

Surrogate: 1-Chlorooctadecane 193 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 16 (1.5') (H233332-87)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.05 | 103        | 2.00          | 1.44 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.15 | 107        | 2.00          | 7.16 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.18 | 109        | 2.00          | 2.26 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.53 | 109        | 6.00          | 2.47 |           |
| Total BTEx     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 5360   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 198 | 98.9       | 200           | 3.05 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 181 | 90.5       | 200           | 2.15 |           |
| EXT DRO >C28-C36 | 24.3   | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 16 (2') (H233332-88)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.05 | 103        | 2.00          | 1.44 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.15 | 107        | 2.00          | 7.16 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.18 | 109        | 2.00          | 2.26 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.53 | 109        | 6.00          | 2.47 |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 4640   | 16.0            | 06/28/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed 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            | 06/28/2023 | ND              | 198 | 98.9       | 200           | 3.05 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 181 | 90.5       | 200           | 2.15 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 165 % 48.2-134

Surrogate: 1-Chlorooctadecane 178 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 16 (3') (H233332-89)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.05 | 103        | 2.00          | 1.44 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.15 | 107        | 2.00          | 7.16 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.18 | 109        | 2.00          | 2.26 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.53 | 109        | 6.00          | 2.47 |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 1200   | 16.0            | 06/28/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed 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            | 06/28/2023 | ND              | 198 | 98.9       | 200           | 3.05 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 181 | 90.5       | 200           | 2.15 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 143 % 48.2-134

Surrogate: 1-Chlorooctadecane 153 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 16 (4') (H233332-90)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.05 | 103        | 2.00          | 1.44 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.15 | 107        | 2.00          | 7.16 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.18 | 109        | 2.00          | 2.26 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.53 | 109        | 6.00          | 2.47 |           |
| Total BTEx     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 240    | 16.0            | 06/28/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed 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            | 06/28/2023 | ND              | 198 | 98.9       | 200           | 3.05 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 181 | 90.5       | 200           | 2.15 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 138 % 48.2-134

Surrogate: 1-Chlorooctadecane 147 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 17 (0-1') (H233332-91)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.05 | 103        | 2.00          | 1.44 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.15 | 107        | 2.00          | 7.16 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.18 | 109        | 2.00          | 2.26 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.53 | 109        | 6.00          | 2.47 |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 23600  | 16.0            | 06/28/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           | Analyzed 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            | 06/28/2023      | ND           | 198 | 98.9       | 200           | 3.05 |           |
| DRO >C10-C28*    | 1390   | 10.0            | 06/28/2023      | ND           | 181 | 90.5       | 200           | 2.15 |           |
| EXT DRO >C28-C36 | 559    | 10.0            | 06/28/2023      | ND           |     |            |               |      |           |

Surrogate: 1-Chlorooctane 141 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 17 (1.5') (H233332-92)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.05 | 103        | 2.00          | 1.44 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.15 | 107        | 2.00          | 7.16 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.18 | 109        | 2.00          | 2.26 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.53 | 109        | 6.00          | 2.47 |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 3680   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 198 | 98.9       | 200           | 3.05 |           |
| DRO >C10-C28*    | 10.8   | 10.0            | 06/28/2023 | ND              | 181 | 90.5       | 200           | 2.15 |           |
| EXT DRO >C28-C36 | 38.4   | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 17 (2') (H233332-93)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.05 | 103        | 2.00          | 1.44 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.15 | 107        | 2.00          | 7.16 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.18 | 109        | 2.00          | 2.26 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.53 | 109        | 6.00          | 2.47 |           |
| Total BTEx     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 944    | 16.0            | 06/28/2023 | ND              | 416 | 104        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed 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            | 06/28/2023 | ND              | 198 | 98.9       | 200           | 3.05 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 181 | 90.5       | 200           | 2.15 |           |
| EXT DRO >C28-C36 | 10.4   | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 140 % 48.2-134

Surrogate: 1-Chlorooctadecane 147 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 17 (3') (H233332-94)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.05 | 103        | 2.00          | 1.44 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.15 | 107        | 2.00          | 7.16 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.18 | 109        | 2.00          | 2.26 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.53 | 109        | 6.00          | 2.47 |           |
| Total BTEx     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 1880   | 16.0            | 06/28/2023 | ND              | 416 | 104        | 400           | 0.00 | QM-07     |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed 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            | 06/28/2023 | ND              | 198 | 98.9       | 200           | 3.05 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 181 | 90.5       | 200           | 2.15 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 136 % 48.2-134

Surrogate: 1-Chlorooctadecane 146 % 49.1-148

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**Analytical Results For:**

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

Received: 06/28/2023  
 Reported: 06/29/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 17 (4') (H233332-95)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.05 | 103        | 2.00          | 1.44 |           |
| Toluene*       | <0.050 | 0.050           | 06/28/2023 | ND               | 2.15 | 107        | 2.00          | 7.16 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/28/2023 | ND               | 2.18 | 109        | 2.00          | 2.26 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/28/2023 | ND               | 6.53 | 109        | 6.00          | 2.47 |           |
| Total BTEX     | <0.300 | 0.300           | 06/28/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 48.0   | 16.0            | 06/28/2023 | 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            | 06/28/2023 | ND              | 198 | 98.9       | 200           | 3.05 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/28/2023 | ND              | 181 | 90.5       | 200           | 2.15 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/28/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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### Notes and Definitions

|       |                                                                                                                                                                                         |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S-04  | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.                                                                          |
| QR-03 | The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
| 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<br>Samples reported on an as received basis (wet) unless otherwise noted on report                          |

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Work Order No: 1103332

Page 1 of 10

Comments: Email to Mike Carmona / [Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com) and Conner Moehring / [Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)

Date/Time

Commodity

6/28/23 0803

Stockinger



Chain of Custody

Work Order No: 149333332

Page 2 of 10

|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, Tx 79706              |
| Phone:           | 432-813-6823          | Email:                  | James_Kennedy@eogresources.com |

|                                                                                                                                                                                                                 |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                                                             |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Superfund <input type="checkbox"/>                                      |  |
| State of Project:                                                                                                                                                                                               |  |
| Reporting Level: I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> PRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                                                                |  |

|                       |                                                                         |                      |                                  |                                                                     |            |                                                                     |                                                                   |                            |   |  |  |  |  |  |  |                    |                 |
|-----------------------|-------------------------------------------------------------------------|----------------------|----------------------------------|---------------------------------------------------------------------|------------|---------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------|---|--|--|--|--|--|--|--------------------|-----------------|
| Project Name:         | Antero New Riser Spill                                                  |                      | Turn Around                      |                                                                     | Pres. Code | ANALYSIS REQUEST                                                    |                                                                   |                            |   |  |  |  |  |  |  | Preservative Codes |                 |
| Project Number:       | 2054                                                                    |                      | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush                            |            | 24 Hours                                                            | None: NO                                                          | DI Water: H <sub>2</sub> O |   |  |  |  |  |  |  |                    |                 |
| Project Location:     | Lea County, New Mexico                                                  |                      | Due Date:                        | 24 Hours                                                            |            | Coat: Cool                                                          | MeOH: Me                                                          |                            |   |  |  |  |  |  |  |                    |                 |
| Sampler's Name:       | GP/JR/JM                                                                |                      |                                  |                                                                     |            |                                                                     | HCL: HC                                                           | HNO <sub>3</sub> : HN      |   |  |  |  |  |  |  |                    |                 |
| PO #:                 |                                                                         |                      |                                  |                                                                     |            |                                                                     | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>                   | NaOH: Na                   |   |  |  |  |  |  |  |                    |                 |
| SAMPLE RECEIPT        |                                                                         |                      | Temp Blank:                      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | H <sub>3</sub> PO <sub>4</sub> : HP                               |                            |   |  |  |  |  |  |  |                    |                 |
| Received Inact:       | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>     | Thermometer ID:      |                                  |                                                                     |            |                                                                     | NaHSO <sub>4</sub> : NABIS                                        |                            |   |  |  |  |  |  |  |                    |                 |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Correction Factor:   |                                  |                                                                     |            |                                                                     | Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> |                            |   |  |  |  |  |  |  |                    |                 |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Temperature Reading: |                                  |                                                                     |            |                                                                     | Zn Acetate+NaOH: Zn                                               |                            |   |  |  |  |  |  |  |                    |                 |
| Total Containers:     |                                                                         |                      | Corrected Temperature:           |                                                                     |            |                                                                     | NaOH+Ascorbic Acid: SAPC                                          |                            |   |  |  |  |  |  |  |                    |                 |
| Sample Identification | Date                                                                    | Time                 | Soil                             | Water                                                               | Grab/Comp  | # of Cont                                                           |                                                                   |                            |   |  |  |  |  |  |  |                    | Sample Comments |
| T-3 (0-1')            | 6/26/2023                                                               |                      | X                                |                                                                     | G          | 1                                                                   | X                                                                 | X                          | X |  |  |  |  |  |  | 11                 |                 |
| T-3 (1.5')            | 6/26/2023                                                               |                      | X                                |                                                                     | G          | 1                                                                   | X                                                                 | X                          | X |  |  |  |  |  |  | 12                 |                 |
| T-3 (2')              | 6/26/2023                                                               |                      | X                                |                                                                     | G          | 1                                                                   | X                                                                 | X                          | X |  |  |  |  |  |  | 13                 |                 |
| T-3 (3')              | 6/26/2023                                                               |                      | X                                |                                                                     | G          | 1                                                                   | X                                                                 | X                          | X |  |  |  |  |  |  | 14                 |                 |
| T-3 (4')              | 6/26/2023                                                               |                      | X                                |                                                                     | G          | 1                                                                   | X                                                                 | X                          | X |  |  |  |  |  |  | 15                 |                 |
| T-3 (5')              | 6/26/2023                                                               |                      | X                                |                                                                     | G          | 1                                                                   | X                                                                 | X                          | X |  |  |  |  |  |  | 16                 |                 |
| T-3 (6')              | 6/26/2023                                                               |                      | X                                |                                                                     | G          | 1                                                                   | X                                                                 | X                          | X |  |  |  |  |  |  | 17                 |                 |
| T-4 (0-1')            | 6/26/2023                                                               |                      | X                                |                                                                     | G          | 1                                                                   | X                                                                 | X                          | X |  |  |  |  |  |  | 18                 |                 |
| T-4 (1.5')            | 6/26/2023                                                               |                      | X                                |                                                                     | G          | 1                                                                   | X                                                                 | X                          | X |  |  |  |  |  |  | 19                 |                 |
| T-4 (2')              | 6/26/2023                                                               |                      | X                                |                                                                     | G          | 1                                                                   | X                                                                 | X                          | X |  |  |  |  |  |  | 20                 |                 |

Comments: Email to Mike Carmona / [Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com) and Conner Moehring / [Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)

|                                                                                   |              |                                                                                     |           |
|-----------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|-----------|
| Relinquished by: (Signature)                                                      | Date/Time    | Received by: (Signature)                                                            | Date/Time |
|  | 6/28/23 0803 |  |           |



Chain of Custody

Work Order No: HA33332

Page 3 of 10

|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, Tx 79706              |
| Phone:           | 432-813-6823          | Email:                  | James_Kennedy@eogresources.com |

|                                                                                                                                                                                                                |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                                                            |  |
| Program: UST/PST <input type="checkbox"/> RRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> Superfund <input type="checkbox"/>                                       |  |
| State of Project:                                                                                                                                                                                              |  |
| Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                                                               |  |

|                       |                                                                     |                      |                                  |                                                                     |            |                                                                     |            |   |   |  |  |  |  |  |  |  |  |                    |                                                                   |                          |                       |    |  |
|-----------------------|---------------------------------------------------------------------|----------------------|----------------------------------|---------------------------------------------------------------------|------------|---------------------------------------------------------------------|------------|---|---|--|--|--|--|--|--|--|--|--------------------|-------------------------------------------------------------------|--------------------------|-----------------------|----|--|
| Project Name:         | Antero New Riser Spill                                              |                      | Turn Around                      |                                                                     | Pres. Code | ANALYSIS REQUEST                                                    |            |   |   |  |  |  |  |  |  |  |  | Preservative Codes |                                                                   |                          |                       |    |  |
| Project Number:       | 2054                                                                |                      | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush                            |            |                                                                     |            |   |   |  |  |  |  |  |  |  |  | None: NO           | DI Water: H <sub>2</sub> O                                        |                          |                       |    |  |
| Project Location:     | Lea County, New Mexico                                              |                      | Due Date:                        |                                                                     |            | 24 Hours                                                            |            |   |   |  |  |  |  |  |  |  |  |                    |                                                                   | Cool: Cool               | MeOH: Me              |    |  |
| Sampler's Name:       | GP/JR/JM                                                            |                      |                                  |                                                                     |            |                                                                     |            |   |   |  |  |  |  |  |  |  |  |                    |                                                                   | HCL: HC                  | HNO <sub>3</sub> : HN |    |  |
| PO #:                 |                                                                     |                      |                                  |                                                                     |            |                                                                     |            |   |   |  |  |  |  |  |  |  |  |                    | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>                   | NaOH: Na                 |                       |    |  |
| SAMPLE RECEIPT        |                                                                     |                      | Temp Blank:                      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Parameters |   |   |  |  |  |  |  |  |  |  |                    | H <sub>3</sub> PO <sub>4</sub> : HP                               |                          |                       |    |  |
| Received Intact:      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID:      |                                  |                                                                     |            |                                                                     |            |   |   |  |  |  |  |  |  |  |  |                    | NaHSO <sub>4</sub> : NABIS                                        |                          |                       |    |  |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor:   |                                  |                                                                     |            |                                                                     |            |   |   |  |  |  |  |  |  |  |  |                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NASO <sub>3</sub> |                          |                       |    |  |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Temperature Reading: |                                  |                                                                     |            |                                                                     |            |   |   |  |  |  |  |  |  |  |  |                    | Zn Acetate+NaOH: Zn                                               |                          |                       |    |  |
| Total Containers:     |                                                                     |                      | Corrected Temperature:           |                                                                     |            |                                                                     |            |   |   |  |  |  |  |  |  |  |  |                    |                                                                   | NaOH+Ascorbic Acid: SAPC |                       |    |  |
| Sample Identification | Date                                                                | Time                 | Soil                             | Water                                                               | Grab/Comp  | # of Cont                                                           |            |   |   |  |  |  |  |  |  |  |  |                    | Sample Comments                                                   |                          |                       |    |  |
| T-4 (3)               | 6/26/2023                                                           |                      | X                                |                                                                     | G          | 1                                                                   | X          | X | X |  |  |  |  |  |  |  |  |                    |                                                                   |                          |                       | 31 |  |
| T-4 (4)               | 6/26/2023                                                           |                      | X                                |                                                                     | G          | 1                                                                   | X          | X | X |  |  |  |  |  |  |  |  |                    |                                                                   |                          |                       | 32 |  |
| T-4 (5)               | 6/26/2023                                                           |                      | X                                |                                                                     | G          | 1                                                                   | X          | X | X |  |  |  |  |  |  |  |  |                    |                                                                   |                          |                       | 33 |  |
| T-5 (0-1)             | 6/26/2023                                                           |                      | X                                |                                                                     | G          | 1                                                                   | X          | X | X |  |  |  |  |  |  |  |  |                    |                                                                   |                          |                       | 34 |  |
| T-5 (1.5)             | 6/26/2023                                                           |                      | X                                |                                                                     | G          | 1                                                                   | X          | X | X |  |  |  |  |  |  |  |  |                    |                                                                   |                          |                       | 35 |  |
| T-5 (2)               | 6/26/2023                                                           |                      | X                                |                                                                     | G          | 1                                                                   | X          | X | X |  |  |  |  |  |  |  |  |                    |                                                                   |                          |                       | 36 |  |
| T-5 (3)               | 6/26/2023                                                           |                      | X                                |                                                                     | G          | 1                                                                   | X          | X | X |  |  |  |  |  |  |  |  |                    |                                                                   |                          |                       | 37 |  |
| T-5 (4)               | 6/26/2023                                                           |                      | X                                |                                                                     | G          | 1                                                                   | X          | X | X |  |  |  |  |  |  |  |  |                    |                                                                   |                          |                       | 38 |  |
| T-6 (0-1)             | 6/26/2023                                                           |                      | X                                |                                                                     | G          | 1                                                                   | X          | X | X |  |  |  |  |  |  |  |  |                    |                                                                   |                          |                       | 39 |  |
| T-6 (1.5)             | 6/26/2023                                                           |                      | X                                |                                                                     | G          | 1                                                                   | X          | X | X |  |  |  |  |  |  |  |  |                    |                                                                   |                          |                       | 30 |  |

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

|                              |              |                          |           |
|------------------------------|--------------|--------------------------|-----------|
| Relinquished by: (Signature) | Date/Time    | Received by: (Signature) | Date/Time |
| <i>Conner Moehring</i>       | 6/26/23 0803 | <i>Skateboard</i>        |           |

Chain of Custody

Work Order No: HA333332

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|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, Tx 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                                |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                            |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Iperfund <input type="checkbox"/>      |  |
| State of Project:                                                                                                                                                              |  |
| Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                               |  |

|                       |                        |                                  |                                                                         |                        |                                                                     |           |   |   |   |  |  |  |  |  |  |  |                    |                                                                   |                            |
|-----------------------|------------------------|----------------------------------|-------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------|-----------|---|---|---|--|--|--|--|--|--|--|--------------------|-------------------------------------------------------------------|----------------------------|
| Project Name:         | Antero New Riser Spill | Turn Around                      |                                                                         | Pres. Code             | ANALYSIS REQUEST                                                    |           |   |   |   |  |  |  |  |  |  |  | Preservative Codes |                                                                   |                            |
| Project Number:       | 2054                   | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush                                |                        | 24 Hours                                                            |           |   |   |   |  |  |  |  |  |  |  |                    | None: NO                                                          | DI Water: H <sub>2</sub> O |
| Project Location:     | Lea County, New Mexico | Due Date:                        |                                                                         |                        |                                                                     |           |   |   |   |  |  |  |  |  |  |  | Cool: Cool         | MeOH: Me                                                          |                            |
| Sampler's Name:       | GPJ/RJM                |                                  |                                                                         |                        |                                                                     |           |   |   |   |  |  |  |  |  |  |  |                    | HCL: HC                                                           | HNO <sub>3</sub> : HN      |
| PO #:                 |                        | Temp Blank:                      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>     | Wet Ice:               | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |           |   |   |   |  |  |  |  |  |  |  |                    | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>                   | NaOH: Na                   |
| SAMPLE RECEIPT        |                        | Received Intact:                 | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>     | Thermometer ID:        | 113                                                                 |           |   |   |   |  |  |  |  |  |  |  |                    | H <sub>3</sub> PO <sub>4</sub> : HP                               |                            |
|                       |                        | Coder Custody Seals:             | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Correction Factor:     | -0.04                                                               |           |   |   |   |  |  |  |  |  |  |  |                    | NaHSO <sub>4</sub> : NABIS                                        |                            |
|                       |                        | Sample Custody Seals:            | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Temperature Reading:   | -0.04                                                               |           |   |   |   |  |  |  |  |  |  |  |                    | Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> |                            |
| Total Containers:     |                        |                                  |                                                                         | Corrected Temperature: | -1.24                                                               |           |   |   |   |  |  |  |  |  |  |  |                    | Zn Acetate+NaOH: Zn                                               |                            |
|                       |                        |                                  |                                                                         |                        |                                                                     |           |   |   |   |  |  |  |  |  |  |  |                    | NaOH+Ascorbic Acid: SACP                                          |                            |
| Sample Identification | Date                   | Time                             | Soil                                                                    | Water                  | Grab/Comp                                                           | # of Cont |   |   |   |  |  |  |  |  |  |  |                    |                                                                   | Sample Comments            |
| T-6 (2)               | 6/26/2023              |                                  | X                                                                       |                        | G                                                                   | 1         | X | X | X |  |  |  |  |  |  |  |                    | 31                                                                |                            |
| T-6 (3)               | 6/26/2023              |                                  | X                                                                       |                        | G                                                                   | 1         | X | X | X |  |  |  |  |  |  |  |                    | 32                                                                |                            |
| T-6 (4)               | 6/26/2023              |                                  | X                                                                       |                        | G                                                                   | 1         | X | X | X |  |  |  |  |  |  |  |                    | 33                                                                |                            |
| T-7 (0-1)             | 6/26/2023              |                                  | X                                                                       |                        | G                                                                   | 1         | X | X | X |  |  |  |  |  |  |  |                    | 34                                                                |                            |
| T-7 (1.5)             | 6/26/2023              |                                  | X                                                                       |                        | G                                                                   | 1         | X | X | X |  |  |  |  |  |  |  |                    | 35                                                                |                            |
| T-7 (2)               | 6/26/2023              |                                  | X                                                                       |                        | G                                                                   | 1         | X | X | X |  |  |  |  |  |  |  |                    | 36                                                                |                            |
| T-7 (3)               | 6/26/2023              |                                  | X                                                                       |                        | G                                                                   | 1         | X | X | X |  |  |  |  |  |  |  |                    | 37                                                                |                            |
| T-7 (4)               | 6/26/2023              |                                  | X                                                                       |                        | G                                                                   | 1         | X | X | X |  |  |  |  |  |  |  |                    | 38                                                                |                            |
| T-8 (0-1)             | 6/26/2023              |                                  | X                                                                       |                        | G                                                                   | 1         | X | X | X |  |  |  |  |  |  |  |                    | 39                                                                |                            |
| T-8 (1.5)             | 6/26/2023              |                                  | X                                                                       |                        | G                                                                   | 1         | X | X | X |  |  |  |  |  |  |  |                    | 40                                                                |                            |

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

|                              |                            |                          |           |
|------------------------------|----------------------------|--------------------------|-----------|
| Relinquished by: (Signature) | Date/Time                  | Received by: (Signature) | Date/Time |
| <u>Conner Moehring</u>       | <u>6/28/23</u> <u>0803</u> | <u>Stefan Riquelme</u>   |           |



Chain of Custody

Work Order No: HQ333332

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|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79705              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                                      |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                                  |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> JRC <input type="checkbox"/> Pertund <input type="checkbox"/>              |  |
| State of Project:                                                                                                                                                                    |  |
| Reporting Level: Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> PRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                                     |  |

|                       |  |                        |  |                                                                           |  |                        |  |                                                                     |  |           |  |           |  |       |  |  |  |                                                                                                                                                                                           |  |                                                                                                                  |  |  |  |  |  |                 |  |
|-----------------------|--|------------------------|--|---------------------------------------------------------------------------|--|------------------------|--|---------------------------------------------------------------------|--|-----------|--|-----------|--|-------|--|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|-----------------|--|
| Project Name:         |  | Antero New Riser Spill |  | Turn Around                                                               |  | ANALYSIS REQUEST       |  |                                                                     |  |           |  |           |  |       |  |  |  | Preservative Codes                                                                                                                                                                        |  |                                                                                                                  |  |  |  |  |  |                 |  |
| Project Number:       |  | 2054                   |  | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush |  |                        |  |                                                                     |  |           |  |           |  |       |  |  |  | None: NO DI Water: H <sub>2</sub> O                                                                                                                                                       |  |                                                                                                                  |  |  |  |  |  |                 |  |
| Project Location:     |  | Lea County, New Mexico |  | Due Date:                                                                 |  | 24 Hours               |  |                                                                     |  |           |  |           |  |       |  |  |  |                                                                                                                                                                                           |  | Cool: Cool MeOH: Me<br>HCL: HC HNO <sub>3</sub> : HN<br>H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na |  |  |  |  |  |                 |  |
| Sampler's Name:       |  | GP/JR/JM               |  |                                                                           |  |                        |  |                                                                     |  |           |  |           |  |       |  |  |  | H <sub>3</sub> PO <sub>4</sub> : HP<br>NaHSO <sub>4</sub> : NABIS<br>Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub><br>Zn Acetate+NaOH: Zn<br>NaOH+Ascorbic Acid: SAPC |  |                                                                                                                  |  |  |  |  |  |                 |  |
| PO #:                 |  |                        |  |                                                                           |  |                        |  |                                                                     |  |           |  |           |  |       |  |  |  |                                                                                                                                                                                           |  |                                                                                                                  |  |  |  |  |  |                 |  |
| SAMPLE RECEIPT        |  | Temp Blank:            |  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>       |  | Wet Ice:               |  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |  |           |  |           |  |       |  |  |  |                                                                                                                                                                                           |  |                                                                                                                  |  |  |  |  |  |                 |  |
|                       |  | Received Intact:       |  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>       |  | Thermometer ID:        |  | 113                                                                 |  |           |  |           |  |       |  |  |  |                                                                                                                                                                                           |  |                                                                                                                  |  |  |  |  |  |                 |  |
|                       |  | Cooler Custody Seals:  |  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A   |  | Correction Factor:     |  | -0.02                                                               |  |           |  |           |  |       |  |  |  |                                                                                                                                                                                           |  |                                                                                                                  |  |  |  |  |  |                 |  |
|                       |  | Sample Custody Seals:  |  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A   |  | Temperature Reading:   |  | -0.02                                                               |  |           |  |           |  |       |  |  |  |                                                                                                                                                                                           |  |                                                                                                                  |  |  |  |  |  |                 |  |
|                       |  | Total Containers:      |  |                                                                           |  | Corrected Temperature: |  | -1.02                                                               |  |           |  |           |  |       |  |  |  |                                                                                                                                                                                           |  |                                                                                                                  |  |  |  |  |  |                 |  |
| Sample Identification |  | Date                   |  | Time                                                                      |  | Soil                   |  | Water                                                               |  | Grab/Comp |  | # of Cont |  |       |  |  |  |                                                                                                                                                                                           |  |                                                                                                                  |  |  |  |  |  | Sample Comments |  |
| T-8 (2')              |  | 6/26/2023              |  |                                                                           |  | X                      |  |                                                                     |  | G         |  | 1         |  | X X X |  |  |  |                                                                                                                                                                                           |  |                                                                                                                  |  |  |  |  |  | 41              |  |
| T-8 (3')              |  | 6/26/2023              |  |                                                                           |  | X                      |  |                                                                     |  | G         |  | 1         |  | X X X |  |  |  |                                                                                                                                                                                           |  |                                                                                                                  |  |  |  |  |  | 42              |  |
| T-8 (4')              |  | 6/26/2023              |  |                                                                           |  | X                      |  |                                                                     |  | G         |  | 1         |  | X X X |  |  |  |                                                                                                                                                                                           |  |                                                                                                                  |  |  |  |  |  | 43              |  |
| T-9 (0-1')            |  | 6/26/2023              |  |                                                                           |  | X                      |  |                                                                     |  | G         |  | 1         |  | X X X |  |  |  |                                                                                                                                                                                           |  |                                                                                                                  |  |  |  |  |  | 44              |  |
| T-9 (1.5')            |  | 6/26/2023              |  |                                                                           |  | X                      |  |                                                                     |  | G         |  | 1         |  | X X X |  |  |  |                                                                                                                                                                                           |  |                                                                                                                  |  |  |  |  |  | 45              |  |
| T-9 (2')              |  | 6/26/2023              |  |                                                                           |  | X                      |  |                                                                     |  | G         |  | 1         |  | X X X |  |  |  |                                                                                                                                                                                           |  |                                                                                                                  |  |  |  |  |  | 46              |  |
| T-9 (3')              |  | 6/26/2023              |  |                                                                           |  | X                      |  |                                                                     |  | G         |  | 1         |  | X X X |  |  |  |                                                                                                                                                                                           |  |                                                                                                                  |  |  |  |  |  | 47              |  |
| T-9 (4')              |  | 6/26/2023              |  |                                                                           |  | X                      |  |                                                                     |  | G         |  | 1         |  | X X X |  |  |  |                                                                                                                                                                                           |  |                                                                                                                  |  |  |  |  |  | 48              |  |
| T-9 (5')              |  | 6/26/2023              |  |                                                                           |  | X                      |  |                                                                     |  | G         |  | 1         |  | X X X |  |  |  |                                                                                                                                                                                           |  |                                                                                                                  |  |  |  |  |  | 49              |  |
| T-9 (6')              |  | 6/26/2023              |  |                                                                           |  | X                      |  |                                                                     |  | G         |  | 1         |  | X X X |  |  |  |                                                                                                                                                                                           |  |                                                                                                                  |  |  |  |  |  | 50              |  |

Comments: Email to Mike Carmona / [Mcarmona@carmonareresources.com](mailto:Mcarmona@carmonareresources.com) and Conner Moehring / [cmoehring@carmonareresources.com](mailto:cmoehring@carmonareresources.com)

|                                                                                   |  |           |                                                                                     |  |           |
|-----------------------------------------------------------------------------------|--|-----------|-------------------------------------------------------------------------------------|--|-----------|
| Relinquished by: (Signature)                                                      |  | Date/Time | Received by: (Signature)                                                            |  | Date/Time |
|  |  | 6/28/23   |  |  |           |

Chain of Custody

Work Order No: 110333332

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|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
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| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eoqresources.com |

|                                                                                                                                                                               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                           |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> JRC <input type="checkbox"/> Superfund <input type="checkbox"/>   |  |
| State of Project:                                                                                                                                                             |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> PRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                              |  |

|                       |                                                                         |                        |                                  |                                                                     |            |                                                                     |                              |   |   |  |  |  |  |  |  |  |    |                                                 |                                                                   |  |
|-----------------------|-------------------------------------------------------------------------|------------------------|----------------------------------|---------------------------------------------------------------------|------------|---------------------------------------------------------------------|------------------------------|---|---|--|--|--|--|--|--|--|----|-------------------------------------------------|-------------------------------------------------------------------|--|
| Project Name:         | Antero New Riser Spill                                                  |                        | Turn Around                      |                                                                     | Pres. Code | ANALYSIS REQUEST                                                    |                              |   |   |  |  |  |  |  |  |  |    | Preservative Codes                              |                                                                   |  |
| Project Number:       | 2054                                                                    |                        | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush                            |            |                                                                     |                              |   |   |  |  |  |  |  |  |  |    | None: NO                                        | DI Water: H <sub>2</sub> O                                        |  |
| Project Location:     | Lea County, New Mexico                                                  |                        | Due Date:                        | 24 Hours                                                            |            |                                                                     |                              |   |   |  |  |  |  |  |  |  |    | Cool: Cool                                      | MeOH: Me                                                          |  |
| Sampler's Name:       | GP/JR/JM                                                                |                        |                                  |                                                                     |            |                                                                     |                              |   |   |  |  |  |  |  |  |  |    | HCL: HC                                         | HNO <sub>3</sub> : HN                                             |  |
| PO #:                 |                                                                         |                        |                                  |                                                                     |            |                                                                     |                              |   |   |  |  |  |  |  |  |  |    | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> | NaOH: Na                                                          |  |
| SAMPLE RECEIPT        |                                                                         |                        | Tamp Blank:                      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Parameters                   |   |   |  |  |  |  |  |  |  |    |                                                 | H <sub>3</sub> PO <sub>4</sub> : HP                               |  |
| Received Intact:      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>     | Thermometer ID:        |                                  |                                                                     |            |                                                                     | BTX 8021B                    |   |   |  |  |  |  |  |  |  |    |                                                 | NaHSO <sub>4</sub> : NABIS                                        |  |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Correction Factor:     |                                  |                                                                     |            |                                                                     | TPH 8015M ( GRO + DRO + MRO) |   |   |  |  |  |  |  |  |  |    |                                                 | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |  |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Temperature Reading:   |                                  |                                                                     |            |                                                                     | Chloride 4500                |   |   |  |  |  |  |  |  |  |    |                                                 | Zn Acetate+NaOH: Zn                                               |  |
| Total Containers:     |                                                                         | Corrected Temperature: |                                  |                                                                     |            |                                                                     |                              |   |   |  |  |  |  |  |  |  |    |                                                 | NaOH+Ascorbic Acid: SAPC                                          |  |
| Sample Identification | Date                                                                    | Time                   | Soil                             | Water                                                               | Grab/Comp  | # of Cont                                                           |                              |   |   |  |  |  |  |  |  |  |    |                                                 | Sample Comments                                                   |  |
| T-10 (0-1')           | 6/27/2023                                                               |                        | X                                |                                                                     | G          | 1                                                                   | X                            | X | X |  |  |  |  |  |  |  | 51 |                                                 |                                                                   |  |
| T-10 (1.5')           | 6/27/2023                                                               |                        | X                                |                                                                     | G          | 1                                                                   | X                            | X | X |  |  |  |  |  |  |  | 52 |                                                 |                                                                   |  |
| T-10 (2')             | 6/27/2023                                                               |                        | X                                |                                                                     | G          | 1                                                                   | X                            | X | X |  |  |  |  |  |  |  | 53 |                                                 |                                                                   |  |
| T-10 (3')             | 6/27/2023                                                               |                        | X                                |                                                                     | G          | 1                                                                   | X                            | X | X |  |  |  |  |  |  |  | 54 |                                                 |                                                                   |  |
| T-10 (4')             | 6/27/2023                                                               |                        | X                                |                                                                     | G          | 1                                                                   | X                            | X | X |  |  |  |  |  |  |  | 55 |                                                 |                                                                   |  |
| T-11 (0-1')           | 6/27/2023                                                               |                        | X                                |                                                                     | G          | 1                                                                   | X                            | X | X |  |  |  |  |  |  |  | 56 |                                                 |                                                                   |  |
| T-11 (1.5')           | 6/27/2023                                                               |                        | X                                |                                                                     | G          | 1                                                                   | X                            | X | X |  |  |  |  |  |  |  | 57 |                                                 |                                                                   |  |
| T-11 (2')             | 6/27/2023                                                               |                        | X                                |                                                                     | G          | 1                                                                   | X                            | X | X |  |  |  |  |  |  |  | 58 |                                                 |                                                                   |  |
| T-11 (3')             | 6/27/2023                                                               |                        | X                                |                                                                     | G          | 1                                                                   | X                            | X | X |  |  |  |  |  |  |  | 59 |                                                 |                                                                   |  |
| T-11 (4')             | 6/27/2023                                                               |                        | X                                |                                                                     | G          | 1                                                                   | X                            | X | X |  |  |  |  |  |  |  | 60 |                                                 |                                                                   |  |

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

|                              |  |              |                          |  |           |
|------------------------------|--|--------------|--------------------------|--|-----------|
| Relinquished by: (Signature) |  | Date/Time    | Received by: (Signature) |  | Date/Time |
|                              |  | 6/28/23 0803 |                          |  |           |



Work Order No: 1193332

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Chain of Custody

Work Order No: HA333333

Page 8 of 10

|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, Tx 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                           |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Pertund <input type="checkbox"/>      |  |
| State of Project:                                                                                                                                                             |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> PRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                              |  |

|                       |                                                                         |                      |                                  |                                                                     |            |                                                                     |                              |           |           |   |   |   |  |  |  |  |                                                 |                    |                            |  |  |                 |  |
|-----------------------|-------------------------------------------------------------------------|----------------------|----------------------------------|---------------------------------------------------------------------|------------|---------------------------------------------------------------------|------------------------------|-----------|-----------|---|---|---|--|--|--|--|-------------------------------------------------|--------------------|----------------------------|--|--|-----------------|--|
| Project Name:         | Antero New Riser Spill                                                  |                      | Turn Around                      |                                                                     | Pres. Code | ANALYSIS REQUEST                                                    |                              |           |           |   |   |   |  |  |  |  |                                                 | Preservative Codes |                            |  |  |                 |  |
| Project Number:       | 2054                                                                    |                      | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush                            |            |                                                                     |                              |           |           |   |   |   |  |  |  |  |                                                 | None: NO           | DI Water: H <sub>2</sub> O |  |  |                 |  |
| Project Location:     | Lea County, New Mexico                                                  |                      | Due Date:                        | 24 Hours                                                            |            |                                                                     |                              |           |           |   |   |   |  |  |  |  |                                                 | Coil: Cool         | MeOH: Me                   |  |  |                 |  |
| Sampler's Name:       | GP/JR/JM                                                                |                      |                                  |                                                                     |            |                                                                     |                              |           |           |   |   |   |  |  |  |  |                                                 | HCL: HC            | HNO <sub>3</sub> : HN      |  |  |                 |  |
| PO #:                 |                                                                         |                      |                                  |                                                                     |            |                                                                     |                              |           |           |   |   |   |  |  |  |  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> | NaOH: Na           |                            |  |  |                 |  |
| SAMPLE RECEIPT        |                                                                         |                      | Temp Blank:                      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Parameters                   |           |           |   |   |   |  |  |  |  |                                                 |                    |                            |  |  |                 |  |
| Received Intact:      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>     | Thermometer ID:      |                                  |                                                                     |            |                                                                     | BTEX 8021B                   |           |           |   |   |   |  |  |  |  |                                                 |                    |                            |  |  |                 |  |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Correction Factor:   |                                  |                                                                     |            |                                                                     | TPH 8015M ( GRO + DRO + MRO) |           |           |   |   |   |  |  |  |  |                                                 |                    |                            |  |  |                 |  |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Temperature Reading: |                                  |                                                                     |            |                                                                     | Chloride 4500                |           |           |   |   |   |  |  |  |  |                                                 |                    |                            |  |  |                 |  |
| Total Containers:     |                                                                         |                      | Corrected Temperature:           |                                                                     |            |                                                                     |                              |           |           |   |   |   |  |  |  |  |                                                 |                    |                            |  |  |                 |  |
| Sample Identification |                                                                         |                      |                                  | Date                                                                | Time       | Soil                                                                | Water                        | Grab/Comp | # of Cont |   |   |   |  |  |  |  |                                                 |                    |                            |  |  | Sample Comments |  |
| T-13 (5')             |                                                                         |                      |                                  | 6/27/2023                                                           |            | X                                                                   |                              | G         | 1         | X | X | X |  |  |  |  |                                                 | 71                 |                            |  |  |                 |  |
| T-13 (6')             |                                                                         |                      |                                  | 6/27/2023                                                           |            | X                                                                   |                              | G         | 1         | X | X | X |  |  |  |  |                                                 | 72                 |                            |  |  |                 |  |
| T-13 (7')             |                                                                         |                      |                                  | 6/27/2023                                                           |            | X                                                                   |                              | G         | 1         | X | X | X |  |  |  |  |                                                 | 73                 |                            |  |  |                 |  |
| T-13 (8')             |                                                                         |                      |                                  | 6/27/2023                                                           |            | X                                                                   |                              | G         | 1         | X | X | X |  |  |  |  |                                                 | 74                 |                            |  |  |                 |  |
| T-14 (0-1')           |                                                                         |                      |                                  | 6/27/2023                                                           |            | X                                                                   |                              | G         | 1         | X | X | X |  |  |  |  |                                                 | 75                 |                            |  |  |                 |  |
| T-14 (1.5')           |                                                                         |                      |                                  | 6/27/2023                                                           |            | X                                                                   |                              | G         | 1         | X | X | X |  |  |  |  |                                                 | 76                 |                            |  |  |                 |  |
| T-14 (2')             |                                                                         |                      |                                  | 6/27/2023                                                           |            | X                                                                   |                              | G         | 1         | X | X | X |  |  |  |  |                                                 | 77                 |                            |  |  |                 |  |
| T-14 (3')             |                                                                         |                      |                                  | 6/27/2023                                                           |            | X                                                                   |                              | G         | 1         | X | X | X |  |  |  |  |                                                 | 78                 |                            |  |  |                 |  |
| T-14 (4')             |                                                                         |                      |                                  | 6/27/2023                                                           |            | X                                                                   |                              | G         | 1         | X | X | X |  |  |  |  |                                                 | 79                 |                            |  |  |                 |  |
| T-14 (5')             |                                                                         |                      |                                  | 6/27/2023                                                           |            | X                                                                   |                              | G         | 1         | X | X | X |  |  |  |  |                                                 | 80                 |                            |  |  |                 |  |

Comments: Email to Mike Carmona / [McCarmona@carmonaresources.com](mailto:McCarmona@carmonaresources.com) and Conner Moehring / [Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)

|                                                                                   |  |              |                                                                                     |  |           |
|-----------------------------------------------------------------------------------|--|--------------|-------------------------------------------------------------------------------------|--|-----------|
| Relinquished by: (Signature)                                                      |  | Date/Time    | Received by: (Signature)                                                            |  | Date/Time |
|  |  | 6/28/23 0803 |  |  |           |



Chain of Custody

Work Order No: 110333333

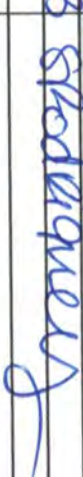
Page 9 of 10

|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James_Kennedy@eogresources.com |

|                                                                                                                                                                               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <input type="checkbox"/>        |  |
| State of Project:                                                                                                                                                             |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDO <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                              |  |

|                       |                        |                        |                                                                           |            |                              |           |   |   |   |  |  |  |  |  |                    |                                                 |                            |
|-----------------------|------------------------|------------------------|---------------------------------------------------------------------------|------------|------------------------------|-----------|---|---|---|--|--|--|--|--|--------------------|-------------------------------------------------|----------------------------|
| Project Name:         | Antero New Riser Spill |                        | Turn Around                                                               | Prep. Code | ANALYSIS REQUEST             |           |   |   |   |  |  |  |  |  | Preservative Codes |                                                 |                            |
| Project Number:       | 2054                   |                        | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush |            |                              |           |   |   |   |  |  |  |  |  |                    | None: NO                                        | DI Water: H <sub>2</sub> O |
| Project Location:     | Lea County, New Mexico |                        | Due Date:                                                                 | 24 Hours   |                              |           |   |   |   |  |  |  |  |  |                    | Cool: Cool                                      | MeOH: Me                   |
| Sampler's Name:       | GP/JR/JM               |                        |                                                                           |            |                              |           |   |   |   |  |  |  |  |  |                    | HCL: HC                                         | HNO <sub>3</sub> : HN      |
| PO #:                 |                        |                        |                                                                           |            |                              |           |   |   |   |  |  |  |  |  |                    | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> | NaOH: Na                   |
| SAMPLE RECEIPT        | Temp Blank:            | Yes (No)               | Well Ice:                                                                 | Yes (No)   | Parameters                   |           |   |   |   |  |  |  |  |  |                    |                                                 |                            |
| Received Intact:      | Yes (No)               | Thermometer ID:        |                                                                           |            | BTEX 8021B                   |           |   |   |   |  |  |  |  |  |                    |                                                 |                            |
| Cooler Custody Seals: | Yes (No)               | Correction Factor:     |                                                                           |            | TPH 8015M ( GRO + DRO + MRO) |           |   |   |   |  |  |  |  |  |                    |                                                 |                            |
| Sample Custody Seals: | Yes (No)               | Temperature Reading:   |                                                                           |            | Chloride 4500                |           |   |   |   |  |  |  |  |  |                    |                                                 |                            |
| Total Containers:     |                        | Corrected Temperature: |                                                                           |            |                              |           |   |   |   |  |  |  |  |  |                    |                                                 |                            |
| Sample Identification | Date                   | Time                   | Soil                                                                      | Water      | Grab/Comp                    | # of Cont |   |   |   |  |  |  |  |  |                    |                                                 | Sample Comments            |
| T-15 (0-1')           | 6/27/2023              |                        | X                                                                         |            | G                            | 1         | X | X | X |  |  |  |  |  |                    |                                                 | 81                         |
| T-15 (1.5')           | 6/27/2023              |                        | X                                                                         |            | G                            | 1         | X | X | X |  |  |  |  |  |                    |                                                 | 82                         |
| T-15 (2')             | 6/27/2023              |                        | X                                                                         |            | G                            | 1         | X | X | X |  |  |  |  |  |                    |                                                 | 83                         |
| T-15 (3')             | 6/27/2023              |                        | X                                                                         |            | G                            | 1         | X | X | X |  |  |  |  |  |                    |                                                 | 84                         |
| T-15 (4')             | 6/27/2023              |                        | X                                                                         |            | G                            | 1         | X | X | X |  |  |  |  |  |                    |                                                 | 85                         |
| T-16 (0-1')           | 6/27/2023              |                        | X                                                                         |            | G                            | 1         | X | X | X |  |  |  |  |  |                    |                                                 | 86                         |
| T-16 (1.5')           | 6/27/2023              |                        | X                                                                         |            | G                            | 1         | X | X | X |  |  |  |  |  |                    |                                                 | 87                         |
| T-16 (2')             | 6/27/2023              |                        | X                                                                         |            | G                            | 1         | X | X | X |  |  |  |  |  |                    |                                                 | 88                         |
| T-16 (3')             | 6/27/2023              |                        | X                                                                         |            | G                            | 1         | X | X | X |  |  |  |  |  |                    |                                                 | 89                         |
| T-16 (4')             | 6/27/2023              |                        | X                                                                         |            | G                            | 1         | X | X | X |  |  |  |  |  |                    |                                                 | 90                         |

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

|                                                                                   |              |                                                                                     |           |
|-----------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|-----------|
| Relinquished by: (Signature)                                                      | Date/Time    | Received by: (Signature)                                                            | Date/Time |
|  | 6/28/23 0803 |  |           |

Chain of Custody

Work Order No: HA333332

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|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                                                                |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                                                            |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Spill <input type="checkbox"/>                                         |  |
| State of Project:                                                                                                                                                                                              |  |
| Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                                                               |  |

|                       |                                                                                 |                                                                           |                                                                              |                  |           |           |   |   |   |  |  |  |  |  |  |                    |                                                                   |                            |                 |
|-----------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------|-----------|-----------|---|---|---|--|--|--|--|--|--|--------------------|-------------------------------------------------------------------|----------------------------|-----------------|
| Project Name:         | Antero New Riser Spill                                                          | Turn Around                                                               | Parameters                                                                   | ANALYSIS REQUEST |           |           |   |   |   |  |  |  |  |  |  | Preservative Codes |                                                                   |                            |                 |
| Project Number:       | 2054                                                                            | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | Due Date: 24 Hours                                                           | Pras. Code       |           |           |   |   |   |  |  |  |  |  |  |                    | None: NO                                                          | DI Water: H <sub>2</sub> O |                 |
| Project Location:     | Lea County, New Mexico                                                          |                                                                           |                                                                              |                  |           |           |   |   |   |  |  |  |  |  |  |                    | Coat: Cool                                                        | MeOH: Me                   |                 |
| Sampler's Name:       | GP/JR/JM                                                                        |                                                                           |                                                                              |                  |           |           |   |   |   |  |  |  |  |  |  |                    | HCL: HC                                                           | HNO <sub>3</sub> : HN      |                 |
| PO #:                 |                                                                                 |                                                                           |                                                                              |                  |           |           |   |   |   |  |  |  |  |  |  |                    | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>                   | NaOH: Na                   |                 |
| SAMPLE RECEIPT        | Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>       | Wet Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |                  |           |           |   |   |   |  |  |  |  |  |  |                    | H <sub>3</sub> PO <sub>4</sub> : HP                               |                            |                 |
| Received Intact:      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>             | Thermometer ID:                                                           |                                                                              |                  |           |           |   |   |   |  |  |  |  |  |  |                    | NaHSO <sub>4</sub> : NABIS                                        |                            |                 |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A         | Correction Factor:                                                        |                                                                              |                  |           |           |   |   |   |  |  |  |  |  |  |                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |                            |                 |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A         | Temperature Reading:                                                      |                                                                              |                  |           |           |   |   |   |  |  |  |  |  |  |                    | Zn Acetate+NaOH: Zn                                               |                            |                 |
| Total Containers:     |                                                                                 | Corrected Temperature:                                                    |                                                                              |                  |           |           |   |   |   |  |  |  |  |  |  |                    | NaOH+Ascorbic Acid: SAsC                                          |                            |                 |
| Sample Identification | Date                                                                            | Time                                                                      | Soil                                                                         | Water            | Grab/Comp | # of Cont |   |   |   |  |  |  |  |  |  |                    |                                                                   |                            | Sample Comments |
| T-17 (0-1')           | 6/27/2023                                                                       |                                                                           | X                                                                            |                  | G         | 1         | X | X | X |  |  |  |  |  |  |                    | 91                                                                |                            |                 |
| T-17 (1.5')           | 6/27/2023                                                                       |                                                                           | X                                                                            |                  | G         | 1         | X | X | X |  |  |  |  |  |  |                    | 92                                                                |                            |                 |
| T-17 (2')             | 6/27/2023                                                                       |                                                                           | X                                                                            |                  | G         | 1         | X | X | X |  |  |  |  |  |  |                    | 93                                                                |                            |                 |
| T-17 (3')             | 6/27/2023                                                                       |                                                                           | X                                                                            |                  | G         | 1         | X | X | X |  |  |  |  |  |  |                    | 94                                                                |                            |                 |
| T-17 (4')             | 6/27/2023                                                                       |                                                                           | X                                                                            |                  | G         | 1         | X | X | X |  |  |  |  |  |  |                    | 95                                                                |                            |                 |

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

|                                                                                   |              |                                                                                     |           |
|-----------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|-----------|
| Relinquished by: (Signature)                                                      | Date/Time    | Received by: (Signature)                                                            | Date/Time |
|  | 6/28/23 0903 |  |           |





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

---

June 14, 2023

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: ANTERO NEW RISER SPILL

Enclosed are the results of analyses for samples received by the laboratory on 06/13/23 15:40.

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/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 1 (0-0.5') (H233035-01)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.32 | 116        | 2.00          | 1.21 |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.24 | 112        | 2.00          | 1.35 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.28 | 114        | 2.00          | 1.99 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.83 | 114        | 6.00          | 2.39 |           |
| Total BTEX     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 06/14/2023 | ND              | 432 | 108        | 400           | 3.64 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 199 | 99.5       | 200           | 5.88 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 185 | 92.6       | 200           | 5.69 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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\*=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: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 2 (0-0.5') (H233035-02)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.32 | 116        | 2.00          | 1.21 |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.24 | 112        | 2.00          | 1.35 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.28 | 114        | 2.00          | 1.99 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.83 | 114        | 6.00          | 2.39 |           |
| Total BTX      | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 06/14/2023 | ND              | 432 | 108        | 400           | 3.64 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 199 | 99.5       | 200           | 5.88 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 185 | 92.6       | 200           | 5.69 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 3 (0-0.5') (H233035-03)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.32 | 116        | 2.00          | 1.21 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.24 | 112        | 2.00          | 1.35 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.28 | 114        | 2.00          | 1.99 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.83 | 114        | 6.00          | 2.39 |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 06/14/2023 | ND              | 432 | 108        | 400           | 3.64 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 199 | 99.5       | 200           | 5.88 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 185 | 92.6       | 200           | 5.69 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 4 (0-0.5') (H233035-04)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.32 | 116        | 2.00          | 1.21 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.24 | 112        | 2.00          | 1.35 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.28 | 114        | 2.00          | 1.99 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.83 | 114        | 6.00          | 2.39 |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48.0   | 16.0            | 06/14/2023 | ND              | 432 | 108        | 400           | 3.64 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 199 | 99.5       | 200           | 5.88 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 185 | 92.6       | 200           | 5.69 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 5 (0-0.5') (H233035-05)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.32 | 116        | 2.00          | 1.21 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.24 | 112        | 2.00          | 1.35 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.28 | 114        | 2.00          | 1.99 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.83 | 114        | 6.00          | 2.39 |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 06/14/2023 | ND              | 432 | 108        | 400           | 3.64 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 199 | 99.5       | 200           | 5.88 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 185 | 92.6       | 200           | 5.69 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 6 (0-0.5') (H233035-06)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.13 | 106        | 2.00          | 3.30 |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.20 | 110        | 2.00          | 3.06 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.09 | 105        | 2.00          | 3.25 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.52 | 109        | 6.00          | 2.52 |           |
| Total BTX      | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48.0   | 16.0            | 06/14/2023 | ND              | 432 | 108        | 400           | 3.64 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 199 | 99.5       | 200           | 5.88 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 185 | 92.6       | 200           | 5.69 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 7 (0-0.5') (H233035-07)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.13 | 106        | 2.00          | 3.30 |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.20 | 110        | 2.00          | 3.06 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.09 | 105        | 2.00          | 3.25 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.52 | 109        | 6.00          | 2.52 |           |
| Total BTEX     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 06/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 199 | 99.5       | 200           | 5.88 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 185 | 92.6       | 200           | 5.69 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 8 (0-0.5') (H233035-08)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.13 | 106        | 2.00          | 3.30 |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.20 | 110        | 2.00          | 3.06 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.09 | 105        | 2.00          | 3.25 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.52 | 109        | 6.00          | 2.52 |           |
| Total BTEX     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 06/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 199 | 99.5       | 200           | 5.88 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 185 | 92.6       | 200           | 5.69 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 9 (0-0.5') (H233035-09)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.13 | 106        | 2.00          | 3.30 |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.20 | 110        | 2.00          | 3.06 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.09 | 105        | 2.00          | 3.25 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.52 | 109        | 6.00          | 2.52 |           |
| Total BTX      | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 06/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 199 | 99.5       | 200           | 5.88 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 185 | 92.6       | 200           | 5.69 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 10 (0-0.5') (H233035-10)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.13 | 106        | 2.00          | 3.30 |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.20 | 110        | 2.00          | 3.06 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.09 | 105        | 2.00          | 3.25 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.52 | 109        | 6.00          | 2.52 |           |
| Total BTEx     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 06/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 199 | 99.5       | 200           | 5.88 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 185 | 92.6       | 200           | 5.69 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 11 (0-0.5') (H233035-11)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.13 | 106        | 2.00          | 3.30 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.20 | 110        | 2.00          | 3.06 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.09 | 105        | 2.00          | 3.25 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.52 | 109        | 6.00          | 2.52 |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 06/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 199 | 99.5       | 200           | 5.88 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 185 | 92.6       | 200           | 5.69 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 12 (0-0.5') (H233035-12)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.13 | 106        | 2.00          | 3.30 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.20 | 110        | 2.00          | 3.06 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.09 | 105        | 2.00          | 3.25 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.52 | 109        | 6.00          | 2.52 |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 06/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 189 | 94.7       | 200           | 5.35 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 208 | 104        | 200           | 5.45 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 13 (0-0.5') (H233035-13)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.13 | 106        | 2.00          | 3.30 |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.20 | 110        | 2.00          | 3.06 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.09 | 105        | 2.00          | 3.25 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.52 | 109        | 6.00          | 2.52 |           |
| Total BTEX     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 06/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 189 | 94.7       | 200           | 5.35 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 208 | 104        | 200           | 5.45 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 14 (0-0.5') (H233035-14)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.13 | 106        | 2.00          | 3.30 |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.20 | 110        | 2.00          | 3.06 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.09 | 105        | 2.00          | 3.25 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.52 | 109        | 6.00          | 2.52 |           |
| Total BTEX     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 06/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 189 | 94.7       | 200           | 5.35 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 208 | 104        | 200           | 5.45 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 15 (0-0.5') (H233035-15)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.13 | 106        | 2.00          | 3.30 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.20 | 110        | 2.00          | 3.06 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.09 | 105        | 2.00          | 3.25 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.52 | 109        | 6.00          | 2.52 |           |  |
| Total BTEx     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 06/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 189 | 94.7       | 200           | 5.35 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 208 | 104        | 200           | 5.45 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 16 (0-0.5') (H233035-16)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.13 | 106        | 2.00          | 3.30 |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.20 | 110        | 2.00          | 3.06 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.09 | 105        | 2.00          | 3.25 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.52 | 109        | 6.00          | 2.52 |           |
| Total BTEx     | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 06/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 189 | 94.7       | 200           | 5.35 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 208 | 104        | 200           | 5.45 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 17 (0-0.5') (H233035-17)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.13 | 106        | 2.00          | 3.30 |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.20 | 110        | 2.00          | 3.06 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.09 | 105        | 2.00          | 3.25 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.52 | 109        | 6.00          | 2.52 |           |
| Total BTX      | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 06/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 189 | 94.7       | 200           | 5.35 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 208 | 104        | 200           | 5.45 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: ANTERO NEW RISER SPILL  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 18 (0-0.5') (H233035-18)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.13 | 106        | 2.00          | 3.30 |           |
| Toluene*       | <0.050 | 0.050           | 06/14/2023 | ND              | 2.20 | 110        | 2.00          | 3.06 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/14/2023 | ND              | 2.09 | 105        | 2.00          | 3.25 |           |
| Total Xylenes* | <0.150 | 0.150           | 06/14/2023 | ND              | 6.52 | 109        | 6.00          | 2.52 |           |
| Total BTX      | <0.300 | 0.300           | 06/14/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 06/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/14/2023 | ND              | 189 | 94.7       | 200           | 5.35 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/14/2023 | ND              | 208 | 104        | 200           | 5.45 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/14/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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### Notes and Definitions

|       |                                                                                                                                                                                         |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| QR-03 | The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
| 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<br>Samples reported on an as received basis (wet) unless otherwise noted on report                          |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

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Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No:

11233035

Page 1 of 2

|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                     |                                                                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Work Order Comments |                                                                                                                                                                                              |
| Program: UST/PST    | <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Perturbed                                                            |
| State of Project:   |                                                                                                                                                                                              |
| Reporting Level I   | <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |
| Deliverables: EDD   | <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                                                               |

|                       |                                                                     |                                                                     |                                                                           |                                                                     |            |                                                             |   |   |   |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   |                 |  |
|-----------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------|------------|-------------------------------------------------------------|---|---|---|--|--|--|--|--|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--|
| Project Name:         | Antero New Riser Spill                                              |                                                                     | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush |                                                                     | Pres. Code | ANALYSIS REQUEST                                            |   |   |   |  |  |  |  |  |  |  |  | Preservative Codes                                                                                                                                                                                                                                                                |                 |  |
| Project Number:       | 2054                                                                |                                                                     | Due Date: 24 Hours                                                        |                                                                     |            |                                                             |   |   |   |  |  |  |  |  |  |  |  | None: NO<br>Cool: Cool<br>HCL: HC<br>H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub><br>H <sub>3</sub> PO <sub>4</sub> : HP<br>NaHSO <sub>4</sub> : NABIS<br>Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub><br>Zn Acetate+NaOH: Zn<br>NaOH+Ascorbic Acid: SAPC |                 |  |
| Project Location:     | Lea County, New Mexico                                              |                                                                     |                                                                           |                                                                     | Parameters | BTEX 8021B<br>TPH 8015M ( GRO + DRO + MRO)<br>Chloride 4500 |   |   |   |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   |                 |  |
| Sampler's Name:       | CCM                                                                 |                                                                     |                                                                           |                                                                     |            |                                                             |   |   |   |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   |                 |  |
| PO #:                 |                                                                     |                                                                     |                                                                           |                                                                     |            |                                                             |   |   |   |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   |                 |  |
| SAMPLE RECEIPT        | Temp Blank:                                                         | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID:                                                           | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |            |                                                             |   |   |   |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   |                 |  |
| Received In tact:     | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor:                                                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>       | Temperature Reading:                                                |            |                                                             |   |   |   |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   |                 |  |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Corrected Temperature:                                              |                                                                           |                                                                     |            |                                                             |   |   |   |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   |                 |  |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |                                                                     |                                                                           |                                                                     |            |                                                             |   |   |   |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   |                 |  |
| Total Containers:     |                                                                     |                                                                     |                                                                           |                                                                     |            |                                                             |   |   |   |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   |                 |  |
| Sample Identification | Date                                                                | Time                                                                | Soil                                                                      | Water                                                               | Grab/ Comp | # of Cont                                                   |   |   |   |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   | Sample Comments |  |
| H-1 (0-0.5')          | 6/13/2023                                                           |                                                                     | X                                                                         |                                                                     | G          | 1                                                           | X | X | X |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   |                 |  |
| H-2 (0-0.5')          | 6/13/2023                                                           |                                                                     | X                                                                         |                                                                     | G          | 1                                                           | X | X | X |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   |                 |  |
| H-3 (0-0.5')          | 6/13/2023                                                           |                                                                     | X                                                                         |                                                                     | G          | 1                                                           | X | X | X |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   |                 |  |
| H-4 (0-0.5')          | 6/13/2023                                                           |                                                                     | X                                                                         |                                                                     | G          | 1                                                           | X | X | X |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   |                 |  |
| H-5 (0-0.5')          | 6/13/2023                                                           |                                                                     | X                                                                         |                                                                     | G          | 1                                                           | X | X | X |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   |                 |  |
| H-6 (0-0.5')          | 6/13/2023                                                           |                                                                     | X                                                                         |                                                                     | G          | 1                                                           | X | X | X |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   |                 |  |
| H-7 (0-0.5')          | 6/13/2023                                                           |                                                                     | X                                                                         |                                                                     | G          | 1                                                           | X | X | X |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   |                 |  |
| H-8 (0-0.5')          | 6/13/2023                                                           |                                                                     | X                                                                         |                                                                     | G          | 1                                                           | X | X | X |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   |                 |  |
| H-9 (0-0.5')          | 6/13/2023                                                           |                                                                     | X                                                                         |                                                                     | G          | 1                                                           | X | X | X |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   |                 |  |
| H-10 (0-0.5')         | 6/13/2023                                                           |                                                                     | X                                                                         |                                                                     | G          | 1                                                           | X | X | X |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   |                 |  |

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

|                                                                                   |              |                                                                                     |           |
|-----------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|-----------|
| Relinquished by: (Signature)                                                      | Date/Time    | Received by: (Signature)                                                            | Date/Time |
|  | 6-13-23 1540 |  |           |



## Chain of Custody

**Work Order No.:**

Page 2 of 2

[illegible]



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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August 14, 2023

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: ANTERO NEW RISER SPILL (06.11.23)

Enclosed are the results of analyses for samples received by the laboratory on 08/11/23 12:33.

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/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 1 (1.5') (H234347-01)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.08 | 104        | 2.00          | 3.99 |           |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.01 | 100        | 2.00          | 5.73 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND              | 2.04 | 102        | 2.00          | 4.62 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND              | 6.15 | 102        | 6.00          | 4.61 |           |
| Total BTX      | <0.300 | 0.300           | 08/11/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/11/2023 | ND              | 180 | 90.2       | 200           | 7.92 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 185 | 92.3       | 200           | 9.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 2 (1.5') (H234347-02)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.08 | 104        | 2.00          | 3.99 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.01 | 100        | 2.00          | 5.73 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND              | 2.04 | 102        | 2.00          | 4.62 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND              | 6.15 | 102        | 6.00          | 4.61 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/11/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/11/2023 | ND              | 180 | 90.2       | 200           | 7.92 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 185 | 92.3       | 200           | 9.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 3 (1.5') (H234347-03)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.08 | 104        | 2.00          | 3.99 |           |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.01 | 100        | 2.00          | 5.73 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND              | 2.04 | 102        | 2.00          | 4.62 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND              | 6.15 | 102        | 6.00          | 4.61 |           |
| Total BTEX     | <0.300 | 0.300           | 08/11/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/11/2023 | ND              | 180 | 90.2       | 200           | 7.92 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 185 | 92.3       | 200           | 9.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 4 (1.5') (H234347-04)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.08 | 104        | 2.00          | 3.99 |           |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.01 | 100        | 2.00          | 5.73 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND              | 2.04 | 102        | 2.00          | 4.62 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND              | 6.15 | 102        | 6.00          | 4.61 |           |
| Total BTEX     | <0.300 | 0.300           | 08/11/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/11/2023 | ND              | 180 | 90.2       | 200           | 7.92 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 185 | 92.3       | 200           | 9.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 5 (1.5') (H234347-05)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.08 | 104        | 2.00          | 3.99 |           |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.01 | 100        | 2.00          | 5.73 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND              | 2.04 | 102        | 2.00          | 4.62 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND              | 6.15 | 102        | 6.00          | 4.61 |           |
| Total BTEX     | <0.300 | 0.300           | 08/11/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/11/2023 | ND              | 180 | 90.2       | 200           | 7.92 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 185 | 92.3       | 200           | 9.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 6 (1.5') (H234347-06)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.08 | 104        | 2.00          | 3.99 |           |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.01 | 100        | 2.00          | 5.73 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND              | 2.04 | 102        | 2.00          | 4.62 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND              | 6.15 | 102        | 6.00          | 4.61 |           |
| Total BTEX     | <0.300 | 0.300           | 08/11/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 32.0   | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/11/2023 | ND              | 180 | 90.2       | 200           | 7.92 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 185 | 92.3       | 200           | 9.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 7 (1.5') (H234347-07)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.08 | 104        | 2.00          | 3.99 |           |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.01 | 100        | 2.00          | 5.73 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND              | 2.04 | 102        | 2.00          | 4.62 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND              | 6.15 | 102        | 6.00          | 4.61 |           |
| Total BTEX     | <0.300 | 0.300           | 08/11/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/11/2023 | ND              | 180 | 90.2       | 200           | 7.92 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 185 | 92.3       | 200           | 9.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 8 (1.5') (H234347-08)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.08 | 104        | 2.00          | 3.99 |           |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.01 | 100        | 2.00          | 5.73 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND              | 2.04 | 102        | 2.00          | 4.62 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND              | 6.15 | 102        | 6.00          | 4.61 |           |
| Total BTEX     | <0.300 | 0.300           | 08/11/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/11/2023 | ND              | 180 | 90.2       | 200           | 7.92 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 185 | 92.3       | 200           | 9.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 9 (1.5') (H234347-09)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.08 | 104        | 2.00          | 3.99 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.01 | 100        | 2.00          | 5.73 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND              | 2.04 | 102        | 2.00          | 4.62 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND              | 6.15 | 102        | 6.00          | 4.61 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/11/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/11/2023 | ND              | 180 | 90.2       | 200           | 7.92 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 185 | 92.3       | 200           | 9.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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 CONNER MOEHRING  
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 MIDLAND TX, 79701  
 Fax To:

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 10 (1.5') (H234347-10)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.08 | 104        | 2.00          | 3.99 |           |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.01 | 100        | 2.00          | 5.73 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND              | 2.04 | 102        | 2.00          | 4.62 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND              | 6.15 | 102        | 6.00          | 4.61 |           |
| Total BTX      | <0.300 | 0.300           | 08/11/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/11/2023 | ND              | 180 | 90.2       | 200           | 7.92 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 185 | 92.3       | 200           | 9.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 11 (1.5') (H234347-11)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.08 | 104        | 2.00          | 3.99 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.01 | 100        | 2.00          | 5.73 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND              | 2.04 | 102        | 2.00          | 4.62 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND              | 6.15 | 102        | 6.00          | 4.61 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/11/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/11/2023 | ND              | 180 | 90.2       | 200           | 7.92 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 185 | 92.3       | 200           | 9.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 12 (1.5') (H234347-12)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.08 | 104        | 2.00          | 3.99 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.01 | 100        | 2.00          | 5.73 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND              | 2.04 | 102        | 2.00          | 4.62 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND              | 6.15 | 102        | 6.00          | 4.61 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/11/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/11/2023 | ND              | 180 | 90.2       | 200           | 7.92 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 185 | 92.3       | 200           | 9.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 13 (1.5') (H234347-13)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.08 | 104        | 2.00          | 3.99 |           |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.01 | 100        | 2.00          | 5.73 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND              | 2.04 | 102        | 2.00          | 4.62 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND              | 6.15 | 102        | 6.00          | 4.61 |           |
| Total BTEX     | <0.300 | 0.300           | 08/11/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/11/2023 | ND              | 180 | 90.2       | 200           | 7.92 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 185 | 92.3       | 200           | 9.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 14 (1.5') (H234347-14)**

| 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           | 08/11/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.52 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND               | 1.96 | 98.2       | 2.00          | 3.57 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND               | 1.84 | 92.1       | 2.00          | 3.17 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND               | 5.40 | 90.0       | 6.00          | 3.27 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/11/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/12/2023 | ND              | 180 | 90.2       | 200           | 7.92 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 185 | 92.3       | 200           | 9.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 15 (1.5') (H234347-15)**

| BTX 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           | 08/11/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.52 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND               | 1.96 | 98.2       | 2.00          | 3.57 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND               | 1.84 | 92.1       | 2.00          | 3.17 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND               | 5.40 | 90.0       | 6.00          | 3.27 |           |  |
| Total BTX      | <0.300 | 0.300           | 08/11/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 180 | 90.2       | 200           | 7.92 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 185 | 92.3       | 200           | 9.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 16 (1.5') (H234347-16)**

| 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           | 08/11/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.52 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND               | 1.96 | 98.2       | 2.00          | 3.57 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND               | 1.84 | 92.1       | 2.00          | 3.17 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND               | 5.40 | 90.0       | 6.00          | 3.27 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/11/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 180 | 90.2       | 200           | 7.92 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 185 | 92.3       | 200           | 9.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 17 (1.5') (H234347-17)**

| 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           | 08/11/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.52 |           |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND               | 1.96 | 98.2       | 2.00          | 3.57 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND               | 1.84 | 92.1       | 2.00          | 3.17 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND               | 5.40 | 90.0       | 6.00          | 3.27 |           |
| Total BTEX     | <0.300 | 0.300           | 08/11/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 180 | 90.2       | 200           | 7.92 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 185 | 92.3       | 200           | 9.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 18 (1.5') (H234347-18)**

| 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           | 08/11/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.52 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND               | 1.96 | 98.2       | 2.00          | 3.57 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND               | 1.84 | 92.1       | 2.00          | 3.17 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND               | 5.40 | 90.0       | 6.00          | 3.27 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/11/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 180 | 90.2       | 200           | 7.92 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 185 | 92.3       | 200           | 9.47 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 1 (1.5') (H234347-19)**

| 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           | 08/11/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.52 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND               | 1.96 | 98.2       | 2.00          | 3.57 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND               | 1.84 | 92.1       | 2.00          | 3.17 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND               | 5.40 | 90.0       | 6.00          | 3.27 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/11/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | 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            | 08/11/2023 | ND              | 153 | 76.4       | 200           | 1.49 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 139 | 69.4       | 200           | 1.46 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 2 (1.5') (H234347-20)**

| 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           | 08/11/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.52 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND               | 1.96 | 98.2       | 2.00          | 3.57 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND               | 1.84 | 92.1       | 2.00          | 3.17 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND               | 5.40 | 90.0       | 6.00          | 3.27 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/11/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | 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            | 08/11/2023 | ND              | 153 | 76.4       | 200           | 1.49 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 139 | 69.4       | 200           | 1.46 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 72.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.2 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 3 (1.5') (H234347-21)**

| 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           | 08/11/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.52 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND               | 1.96 | 98.2       | 2.00          | 3.57 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND               | 1.84 | 92.1       | 2.00          | 3.17 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND               | 5.40 | 90.0       | 6.00          | 3.27 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/11/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | 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            | 08/11/2023 | ND              | 153 | 76.4       | 200           | 1.49 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 139 | 69.4       | 200           | 1.46 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 72.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.1 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 4 (1.5') (H234347-22)**

| 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           | 08/11/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.52 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND               | 1.96 | 98.2       | 2.00          | 3.57 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND               | 1.84 | 92.1       | 2.00          | 3.17 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND               | 5.40 | 90.0       | 6.00          | 3.27 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/11/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | 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            | 08/11/2023 | ND              | 153 | 76.4       | 200           | 1.49 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 139 | 69.4       | 200           | 1.46 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 74.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.6 % 49.1-148

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**Analytical Results For:**

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 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
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Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 5 (1.5') (H234347-23)**

| 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           | 08/11/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.52 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND               | 1.96 | 98.2       | 2.00          | 3.57 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND               | 1.84 | 92.1       | 2.00          | 3.17 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND               | 5.40 | 90.0       | 6.00          | 3.27 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/11/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | 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            | 08/11/2023 | ND              | 153 | 76.4       | 200           | 1.49 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 139 | 69.4       | 200           | 1.46 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 70.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.3 % 49.1-148

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**Analytical Results For:**

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 Fax To:

Received: 08/11/2023  
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 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 6 (1.5') (H234347-24)**

| 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           | 08/11/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.52 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND               | 1.96 | 98.2       | 2.00          | 3.57 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND               | 1.84 | 92.1       | 2.00          | 3.17 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND               | 5.40 | 90.0       | 6.00          | 3.27 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/11/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | 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            | 08/11/2023 | ND              | 153 | 76.4       | 200           | 1.49 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 139 | 69.4       | 200           | 1.46 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 71.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.9 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
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 MIDLAND TX, 79701  
 Fax To:

Received: 08/11/2023  
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 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 7 (1.5') (H234347-25)**

| 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           | 08/11/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.52 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND               | 1.96 | 98.2       | 2.00          | 3.57 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND               | 1.84 | 92.1       | 2.00          | 3.17 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND               | 5.40 | 90.0       | 6.00          | 3.27 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/11/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | 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            | 08/11/2023 | ND              | 153 | 76.4       | 200           | 1.49 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 139 | 69.4       | 200           | 1.46 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 73.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.0 % 49.1-148

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**Analytical Results For:**

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 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 8 (1.5') (H234347-26)**

| 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           | 08/11/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.52 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND               | 1.96 | 98.2       | 2.00          | 3.57 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND               | 1.84 | 92.1       | 2.00          | 3.17 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND               | 5.40 | 90.0       | 6.00          | 3.27 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/11/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 08/14/2023 | 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            | 08/11/2023 | ND              | 153 | 76.4       | 200           | 1.49 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 139 | 69.4       | 200           | 1.46 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.5 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 9 (1.5') (H234347-27)**

| BTX 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           | 08/11/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.52 |           |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND               | 1.96 | 98.2       | 2.00          | 3.57 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND               | 1.84 | 92.1       | 2.00          | 3.17 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND               | 5.40 | 90.0       | 6.00          | 3.27 |           |
| Total BTX      | <0.300 | 0.300           | 08/11/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 153 | 76.4       | 200           | 1.49 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 139 | 69.4       | 200           | 1.46 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

|      |                                                                                                                                                                |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BS-3 | Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.                            |
| 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<br>Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

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Celey D. Keene, Lab Director/Quality Manager

## Chain of Custody

Work Order No: 1034347

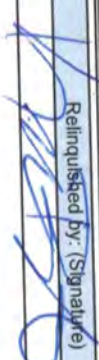
Page 1 of 3[illegible]



Chain of Custody

Work Order No: H234347

Page 2 of 3

|                                                                                                                      |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  |                                                                   |  |  |  |
|----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|-------|-----------|-----------|------------------------------|--|--|--|-------------------------------------------------------------------|--|--|--|
| Project Manager: Conner Moehring                                                                                     |  | Bill to: (if different)                                                         |      | James Kennedy                                                                       |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| Company Name: Carmona Resources                                                                                      |  | Company Name:                                                                   |      | EOG Resources                                                                       |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| Address: 310 W Wall St Ste 500                                                                                       |  | Address:                                                                        |      | 5509 Champions Dr                                                                   |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| City, State ZIP: Midland, TX 79701                                                                                   |  | City, State ZIP:                                                                |      | Midland, TX 79706                                                                   |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| Phone: 432-813-8823                                                                                                  |  | Email: James.Kennedy@eogresources.com                                           |      |                                                                                     |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| Project Name: Antero New Riser Spill (06.11.23)                                                                      |  | Turn Around                                                                     |      | Pres. Code                                                                          |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| Project Number: 2054                                                                                                 |  | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush       |      |                                                                                     |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| Project Location: Lea County, New Mexico                                                                             |  | Due Date: 24 Hours                                                              |      |                                                                                     |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| Sampler's Name: MM                                                                                                   |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| PO #:                                                                                                                |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| SAMPLE RECEIPT                                                                                                       |  | Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |      | Well Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>       |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| Received Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                 |  | Thermometer ID: N/A                                                             |      | 140                                                                                 |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| Cooler Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                            |  | Correction Factor: N/A                                                          |      | 0.4%                                                                                |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| Sample Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                            |  | Temperature Reading: N/A                                                        |      |                                                                                     |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| Total Containers:                                                                                                    |  | Corrected Temperature:                                                          |      |                                                                                     |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| Sample Identification                                                                                                |  | Date                                                                            | Time | Soil                                                                                | Water | Grab/Comp | # of Cont | Parameters                   |  |  |  |                                                                   |  |  |  |
| CS-11 (1.5')                                                                                                         |  | 8/10/2023                                                                       |      | X                                                                                   |       | Comp      | 1         | BTX 8021B                    |  |  |  |                                                                   |  |  |  |
| CS-12 (1.5')                                                                                                         |  | 8/10/2023                                                                       |      | X                                                                                   |       | Comp      | 1         | TPH 8015M ( GRO + DRO + MRO) |  |  |  |                                                                   |  |  |  |
| CS-13 (1.5')                                                                                                         |  | 8/10/2023                                                                       |      | X                                                                                   |       | Comp      | 1         | Chloride 4500                |  |  |  |                                                                   |  |  |  |
| CS-14 (1.5')                                                                                                         |  | 8/10/2023                                                                       |      | X                                                                                   |       | Comp      | 1         |                              |  |  |  |                                                                   |  |  |  |
| CS-15 (1.5')                                                                                                         |  | 8/10/2023                                                                       |      | X                                                                                   |       | Comp      | 1         |                              |  |  |  |                                                                   |  |  |  |
| CS-16 (1.5')                                                                                                         |  | 8/10/2023                                                                       |      | X                                                                                   |       | Comp      | 1         |                              |  |  |  |                                                                   |  |  |  |
| CS-17 (1.5')                                                                                                         |  | 8/10/2023                                                                       |      | X                                                                                   |       | Comp      | 1         |                              |  |  |  |                                                                   |  |  |  |
| CS-18 (1.5')                                                                                                         |  | 8/10/2023                                                                       |      | X                                                                                   |       | Comp      | 1         |                              |  |  |  |                                                                   |  |  |  |
| SW-1 (1.5')                                                                                                          |  | 8/10/2023                                                                       |      | X                                                                                   |       | Comp      | 1         |                              |  |  |  |                                                                   |  |  |  |
| SW-2 (1.5')                                                                                                          |  | 8/10/2023                                                                       |      | X                                                                                   |       | Comp      | 1         |                              |  |  |  |                                                                   |  |  |  |
| ANALYSIS REQUEST                                                                                                     |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  | Preservative Codes                                                |  |  |  |
|                                                                                                                      |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  | None: NO                                                          |  |  |  |
|                                                                                                                      |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  | Cool: Cool                                                        |  |  |  |
|                                                                                                                      |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  | HCL: HC                                                           |  |  |  |
|                                                                                                                      |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>                   |  |  |  |
|                                                                                                                      |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  | H <sub>3</sub> PO <sub>4</sub> : HP                               |  |  |  |
|                                                                                                                      |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  | NaHSO <sub>4</sub> : NABIS                                        |  |  |  |
|                                                                                                                      |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |  |  |  |
|                                                                                                                      |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  | Zn Acetate+NaOH: Zn                                               |  |  |  |
|                                                                                                                      |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  | NaOH+Ascorbic Acid: SAPC                                          |  |  |  |
| Sample Comments                                                                                                      |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| 11                                                                                                                   |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| 12                                                                                                                   |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| 13                                                                                                                   |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| 14                                                                                                                   |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| 15                                                                                                                   |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| 16                                                                                                                   |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| 17                                                                                                                   |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| 18                                                                                                                   |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| 19                                                                                                                   |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| 20                                                                                                                   |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com |  |                                                                                 |      |                                                                                     |       |           |           |                              |  |  |  |                                                                   |  |  |  |
| Relinquished by: (Signature)                                                                                         |  | Date/Time                                                                       |      | Received by: (Signature)                                                            |       | Date/Time |           |                              |  |  |  |                                                                   |  |  |  |
|                                     |  | 8-11-23 1833                                                                    |      |  |       |           |           |                              |  |  |  |                                                                   |  |  |  |



Chain of Custody

Work Order No: 1234347

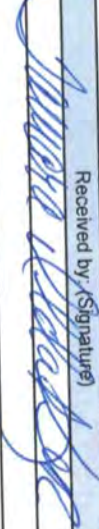
Page 3 of 3

|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                           |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Superfund <input type="checkbox"/>    |  |
| State of Project:                                                                                                                                                             |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                              |  |

|                       |                                                                     |                                                                           |                                                                     |                      |                                                                     |            |   |   |   |  |  |  |  |  |  |                                                                   |                            |                                                 |                 |
|-----------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------|----------------------|---------------------------------------------------------------------|------------|---|---|---|--|--|--|--|--|--|-------------------------------------------------------------------|----------------------------|-------------------------------------------------|-----------------|
| Project Name:         | Antero New Riser Spill (06.11.23)                                   | Turn around                                                               | Pres. Code                                                          | ANALYSIS REQUEST     |                                                                     |            |   |   |   |  |  |  |  |  |  | Preservative Codes                                                |                            |                                                 |                 |
| Project Number:       | 2054                                                                | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush |                                                                     |                      |                                                                     |            |   |   |   |  |  |  |  |  |  | None: NO                                                          | DI Water: H <sub>2</sub> O |                                                 |                 |
| Project Location:     | Lea County, New Mexico                                              | Due Date:                                                                 | 24 Hours                                                            |                      |                                                                     |            |   |   |   |  |  |  |  |  |  | Cool: Cool                                                        | MeOH: Me                   |                                                 |                 |
| Sampler's Name:       | MM                                                                  |                                                                           |                                                                     |                      |                                                                     |            |   |   |   |  |  |  |  |  |  | HCL: HC                                                           | HNO <sub>3</sub> : HN      |                                                 |                 |
| PO #:                 |                                                                     | Temp Blank:                                                               | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:             | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |            |   |   |   |  |  |  |  |  |  |                                                                   |                            | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> | NaOH: Na        |
| SAMPLE RECEIPT        |                                                                     | Received In tact:                                                         | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID:      | 140                                                                 |            |   |   |   |  |  |  |  |  |  |                                                                   |                            | H <sub>3</sub> PO <sub>4</sub> : HP             |                 |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor:                                                        | N/A                                                                 | Temperature Reading: | 0.42                                                                |            |   |   |   |  |  |  |  |  |  |                                                                   |                            | NaHSO <sub>4</sub> : NABIS                      |                 |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Corrected Temperature:                                                    |                                                                     |                      |                                                                     |            |   |   |   |  |  |  |  |  |  | Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> |                            |                                                 |                 |
| Total Containers:     |                                                                     |                                                                           |                                                                     |                      |                                                                     |            |   |   |   |  |  |  |  |  |  | Zn Acetate+NaOH: Zn                                               |                            |                                                 |                 |
|                       |                                                                     |                                                                           |                                                                     |                      |                                                                     |            |   |   |   |  |  |  |  |  |  | NaOH+Ascorbic Acid: SPC                                           |                            |                                                 |                 |
| Sample Identification | Date                                                                | Time                                                                      | Soil                                                                | Water                | Grab/Comp                                                           | # of Cont. |   |   |   |  |  |  |  |  |  |                                                                   |                            |                                                 | Sample Comments |
| SW-3 (1.5)            | 8/10/2023                                                           |                                                                           | X                                                                   |                      | Comp                                                                | 1          | X | X | X |  |  |  |  |  |  |                                                                   | 21                         |                                                 |                 |
| SW-4 (1.5)            | 8/10/2023                                                           |                                                                           | X                                                                   |                      | Comp                                                                | 1          | X | X | X |  |  |  |  |  |  |                                                                   | 22                         |                                                 |                 |
| SW-5 (1.5)            | 8/10/2023                                                           |                                                                           | X                                                                   |                      | Comp                                                                | 1          | X | X | X |  |  |  |  |  |  |                                                                   | 23                         |                                                 |                 |
| SW-6 (1.5)            | 8/10/2023                                                           |                                                                           | X                                                                   |                      | Comp                                                                | 1          | X | X | X |  |  |  |  |  |  |                                                                   | 24                         |                                                 |                 |
| SW-7 (1.5)            | 8/10/2023                                                           |                                                                           | X                                                                   |                      | Comp                                                                | 1          | X | X | X |  |  |  |  |  |  |                                                                   | 25                         |                                                 |                 |
| SW-8 (1.5)            | 8/10/2023                                                           |                                                                           | X                                                                   |                      | Comp                                                                | 1          | X | X | X |  |  |  |  |  |  |                                                                   | 26                         |                                                 |                 |
| SW-9 (1.5)            | 8/10/2023                                                           |                                                                           | X                                                                   |                      | Comp                                                                | 1          | X | X | X |  |  |  |  |  |  |                                                                   | 27                         |                                                 |                 |

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

|                                                                                   |              |                                                                                     |           |
|-----------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|-----------|
| Relinquished by: (Signature)                                                      | Date/Time    | Received by: (Signature)                                                            | Date/Time |
|  | 8-11-23 1233 |  |           |



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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August 14, 2023

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: ANTERO NEW RISER SPILL (06.11.23)

Enclosed are the results of analyses for samples received by the laboratory on 08/11/23 13:30.

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/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 19 (1.5') (H234350-01)**

| BTX 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           | 08/11/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.52 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND               | 1.96 | 98.2       | 2.00          | 3.57 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND               | 1.84 | 92.1       | 2.00          | 3.17 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND               | 5.40 | 90.0       | 6.00          | 3.27 |           |  |
| Total BTX      | <0.300 | 0.300           | 08/11/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 153 | 76.4       | 200           | 1.49 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 139 | 69.4       | 200           | 1.46 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 20 (1.5') (H234350-02)**

| BTX 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           | 08/11/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.52 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND               | 1.96 | 98.2       | 2.00          | 3.57 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND               | 1.84 | 92.1       | 2.00          | 3.17 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND               | 5.40 | 90.0       | 6.00          | 3.27 |           |  |
| Total BTX      | <0.300 | 0.300           | 08/11/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 153 | 76.4       | 200           | 1.49 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 139 | 69.4       | 200           | 1.46 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 21 (1.5') (H234350-03)**

| BTX 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           | 08/11/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.52 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND               | 1.96 | 98.2       | 2.00          | 3.57 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND               | 1.84 | 92.1       | 2.00          | 3.17 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND               | 5.40 | 90.0       | 6.00          | 3.27 |           |  |
| Total BTX      | <0.300 | 0.300           | 08/11/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 153 | 76.4       | 200           | 1.49 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 139 | 69.4       | 200           | 1.46 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.9 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 22 (1.5') (H234350-04)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/11/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.52 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND               | 1.96 | 98.2       | 2.00          | 3.57 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND               | 1.84 | 92.1       | 2.00          | 3.17 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND               | 5.40 | 90.0       | 6.00          | 3.27 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/11/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 153 | 76.4       | 200           | 1.49 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 139 | 69.4       | 200           | 1.46 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 72.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.6 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 23 (1.5') (H234350-05)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/11/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.52 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND               | 1.96 | 98.2       | 2.00          | 3.57 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND               | 1.84 | 92.1       | 2.00          | 3.17 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND               | 5.40 | 90.0       | 6.00          | 3.27 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/11/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 153 | 76.4       | 200           | 1.49 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 139 | 69.4       | 200           | 1.46 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 24 (1.5') (H234350-06)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/11/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.52 |           |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND               | 1.96 | 98.2       | 2.00          | 3.57 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND               | 1.84 | 92.1       | 2.00          | 3.17 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND               | 5.40 | 90.0       | 6.00          | 3.27 |           |
| Total BTEx     | <0.300 | 0.300           | 08/11/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 32.0   | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 153 | 76.4       | 200           | 1.49 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 139 | 69.4       | 200           | 1.46 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 74.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.2 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 25 (1.5') (H234350-07)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.17 | 109        | 2.00          | 3.50 |           |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.12 | 106        | 2.00          | 3.99 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND              | 2.02 | 101        | 2.00          | 3.60 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND              | 6.03 | 101        | 6.00          | 2.45 |           |
| Total BTX      | <0.300 | 0.300           | 08/11/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 153 | 76.4       | 200           | 1.49 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 139 | 69.4       | 200           | 1.46 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 26 (1.5') (H234350-08)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.17 | 109        | 2.00          | 3.50 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.12 | 106        | 2.00          | 3.99 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 2.02 | 101        | 2.00          | 3.60 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 6.03 | 101        | 6.00          | 2.45 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 153 | 76.4       | 200           | 1.49 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 139 | 69.4       | 200           | 1.46 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 72.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.6 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 27 (1.5') (H234350-09)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.17 | 109        | 2.00          | 3.50 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.12 | 106        | 2.00          | 3.99 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 2.02 | 101        | 2.00          | 3.60 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 6.03 | 101        | 6.00          | 2.45 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 153 | 76.4       | 200           | 1.49 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 139 | 69.4       | 200           | 1.46 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 28 (1.5') (H234350-10)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.17 | 109        | 2.00          | 3.50 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.12 | 106        | 2.00          | 3.99 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 2.02 | 101        | 2.00          | 3.60 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 6.03 | 101        | 6.00          | 2.45 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 153 | 76.4       | 200           | 1.49 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 139 | 69.4       | 200           | 1.46 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.9 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 29 (1.5') (H234350-11)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.17 | 109        | 2.00          | 3.50 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.12 | 106        | 2.00          | 3.99 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 2.02 | 101        | 2.00          | 3.60 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 6.03 | 101        | 6.00          | 2.45 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 64.0   | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 153 | 76.4       | 200           | 1.49 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 139 | 69.4       | 200           | 1.46 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 30 (1.5') (H234350-12)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.17 | 109        | 2.00          | 3.50 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.12 | 106        | 2.00          | 3.99 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 2.02 | 101        | 2.00          | 3.60 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 6.03 | 101        | 6.00          | 2.45 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 64.0   | 16.0            | 08/14/2023 | 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            | 08/11/2023 | ND              | 156 | 77.9       | 200           | 0.750 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 144 | 72.2       | 200           | 2.28  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 31 (1.5') (H234350-13)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.17 | 109        | 2.00          | 3.50 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.12 | 106        | 2.00          | 3.99 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 2.02 | 101        | 2.00          | 3.60 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 6.03 | 101        | 6.00          | 2.45 |           |
| Total BTX      | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 80.0   | 16.0            | 08/14/2023 | 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            | 08/11/2023 | ND              | 156 | 77.9       | 200           | 0.750 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 144 | 72.2       | 200           | 2.28  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 32 (1.5') (H234350-14)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.17 | 109        | 2.00          | 3.50 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.12 | 106        | 2.00          | 3.99 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 2.02 | 101        | 2.00          | 3.60 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 6.03 | 101        | 6.00          | 2.45 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 304    | 16.0            | 08/14/2023 | 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            | 08/11/2023 | ND              | 156 | 77.9       | 200           | 0.750 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 144 | 72.2       | 200           | 2.28  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 33 (1.5') (H234350-15)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.17 | 109        | 2.00          | 3.50 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.12 | 106        | 2.00          | 3.99 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 2.02 | 101        | 2.00          | 3.60 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 6.03 | 101        | 6.00          | 2.45 |           |
| Total BTX      | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 08/14/2023 | 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            | 08/11/2023 | ND              | 156 | 77.9       | 200           | 0.750 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 144 | 72.2       | 200           | 2.28  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 34 (1.5') (H234350-16)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.17 | 109        | 2.00          | 3.50 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.12 | 106        | 2.00          | 3.99 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 2.02 | 101        | 2.00          | 3.60 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 6.03 | 101        | 6.00          | 2.45 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 48.0   | 16.0            | 08/14/2023 | 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            | 08/11/2023 | ND              | 156 | 77.9       | 200           | 0.750 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 144 | 72.2       | 200           | 2.28  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 35 (4.0') (H234350-17)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.17 | 109        | 2.00          | 3.50 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.12 | 106        | 2.00          | 3.99 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 2.02 | 101        | 2.00          | 3.60 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 6.03 | 101        | 6.00          | 2.45 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 240    | 16.0            | 08/14/2023 | 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            | 08/11/2023 | ND              | 156 | 77.9       | 200           | 0.750 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 144 | 72.2       | 200           | 2.28  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 36 (4.0') (H234350-18)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.17 | 109        | 2.00          | 3.50 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.12 | 106        | 2.00          | 3.99 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 2.02 | 101        | 2.00          | 3.60 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 6.03 | 101        | 6.00          | 2.45 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 96.0   | 16.0            | 08/14/2023 | 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            | 08/11/2023 | ND              | 156 | 77.9       | 200           | 0.750 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 144 | 72.2       | 200           | 2.28  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 37 (4.0') (H234350-19)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.17 | 109        | 2.00          | 3.50 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.12 | 106        | 2.00          | 3.99 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 2.02 | 101        | 2.00          | 3.60 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 6.03 | 101        | 6.00          | 2.45 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 144    | 16.0            | 08/14/2023 | 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            | 08/11/2023 | ND              | 156 | 77.9       | 200           | 0.750 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 144 | 72.2       | 200           | 2.28  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 38 (4.0') (H234350-20)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.17 | 109        | 2.00          | 3.50 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.12 | 106        | 2.00          | 3.99 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 2.02 | 101        | 2.00          | 3.60 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 6.03 | 101        | 6.00          | 2.45 |           |
| Total BTX      | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 156 | 77.9       | 200           | 0.750 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 144 | 72.2       | 200           | 2.28  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 39 (4.0') (H234350-21)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.17 | 109        | 2.00          | 3.50 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.12 | 106        | 2.00          | 3.99 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 2.02 | 101        | 2.00          | 3.60 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 6.03 | 101        | 6.00          | 2.45 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 128    | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 156 | 77.9       | 200           | 0.750 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 144 | 72.2       | 200           | 2.28  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 40 (4.0') (H234350-22)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.17 | 109        | 2.00          | 3.50 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.12 | 106        | 2.00          | 3.99 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 2.02 | 101        | 2.00          | 3.60 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 6.03 | 101        | 6.00          | 2.45 |           |
| Total BTEx     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 48.0   | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 156 | 77.9       | 200           | 0.750 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 144 | 72.2       | 200           | 2.28  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 41 (4.0') (H234350-23)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.17 | 109        | 2.00          | 3.50 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.12 | 106        | 2.00          | 3.99 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 2.02 | 101        | 2.00          | 3.60 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 6.03 | 101        | 6.00          | 2.45 |           |
| Total BTX      | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 192    | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 156 | 77.9       | 200           | 0.750 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 144 | 72.2       | 200           | 2.28  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 42 (4.0') (H234350-24)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.17 | 109        | 2.00          | 3.50 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.12 | 106        | 2.00          | 3.99 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 2.02 | 101        | 2.00          | 3.60 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 6.03 | 101        | 6.00          | 2.45 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 156 | 77.9       | 200           | 0.750 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 144 | 72.2       | 200           | 2.28  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 43 (4.0') (H234350-25)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.17 | 109        | 2.00          | 3.50 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.12 | 106        | 2.00          | 3.99 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 2.02 | 101        | 2.00          | 3.60 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 6.03 | 101        | 6.00          | 2.45 |           |
| Total BTX      | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 224    | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 156 | 77.9       | 200           | 0.750 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 144 | 72.2       | 200           | 2.28  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 73.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 44 (4.0') (H234350-26)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.17 | 109        | 2.00          | 3.50 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.12 | 106        | 2.00          | 3.99 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 2.02 | 101        | 2.00          | 3.60 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 6.03 | 101        | 6.00          | 2.45 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 64.0   | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 156 | 77.9       | 200           | 0.750 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 144 | 72.2       | 200           | 2.28  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 45 (4.0') (H234350-27)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 2.03 | 102        | 2.00          | 0.329 |           |
| Toluene*       | <0.050 | 0.050           | 08/11/2023 | ND              | 1.92 | 96.1       | 2.00          | 0.617 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/11/2023 | ND              | 1.98 | 99.0       | 2.00          | 0.309 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/11/2023 | ND              | 5.99 | 99.8       | 6.00          | 0.524 |           |
| Total BTEX     | <0.300 | 0.300           | 08/11/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 224    | 16.0            | 08/14/2023 | 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            | 08/12/2023 | ND              | 156 | 77.9       | 200           | 0.750 |           |
| DRO >C10-C28*    | 10.9   | 10.0            | 08/12/2023 | ND              | 144 | 72.2       | 200           | 2.28  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 49.1-148

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 Fax To:

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 46 (4.0') (H234350-28)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.03 | 102        | 2.00          | 0.329 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 1.92 | 96.1       | 2.00          | 0.617 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.98 | 99.0       | 2.00          | 0.309 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.99 | 99.8       | 6.00          | 0.524 |           |
| Total BTEx     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 112    | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

| 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            | 08/12/2023 | ND              | 156 | 77.9       | 200           | 0.750 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 144 | 72.2       | 200           | 2.28  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 47 (4.0') (H234350-29)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.03 | 102        | 2.00          | 0.329 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 1.92 | 96.1       | 2.00          | 0.617 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.98 | 99.0       | 2.00          | 0.309 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.99 | 99.8       | 6.00          | 0.524 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 48.0   | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

| 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            | 08/12/2023 | ND              | 156 | 77.9       | 200           | 0.750 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 144 | 72.2       | 200           | 2.28  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 48 (4.0') (H234350-30)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.03 | 102        | 2.00          | 0.329 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 1.92 | 96.1       | 2.00          | 0.617 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.98 | 99.0       | 2.00          | 0.309 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.99 | 99.8       | 6.00          | 0.524 |           |
| Total BTEx     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 112    | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

| 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            | 08/12/2023 | ND              | 156 | 77.9       | 200           | 0.750 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 144 | 72.2       | 200           | 2.28  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 49 (4.0') (H234350-31)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.03 | 102        | 2.00          | 0.329 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 1.92 | 96.1       | 2.00          | 0.617 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.98 | 99.0       | 2.00          | 0.309 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.99 | 99.8       | 6.00          | 0.524 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 320    | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/12/2023 | ND              | 156 | 77.9       | 200           | 0.750 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 144 | 72.2       | 200           | 2.28  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 50 (4.0') (H234350-32)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.03 | 102        | 2.00          | 0.329 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 1.92 | 96.1       | 2.00          | 0.617 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.98 | 99.0       | 2.00          | 0.309 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.99 | 99.8       | 6.00          | 0.524 |           |
| Total BTEx     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 112    | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/11/2023 | ND              | 165 | 82.6       | 200           | 1.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/11/2023 | ND              | 164 | 82.2       | 200           | 2.78 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/11/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 64.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.1 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 51 (4.0') (H234350-33)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.03 | 102        | 2.00          | 0.329 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 1.92 | 96.1       | 2.00          | 0.617 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.98 | 99.0       | 2.00          | 0.309 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.99 | 99.8       | 6.00          | 0.524 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 80.0   | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/12/2023 | ND              | 165 | 82.6       | 200           | 1.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 164 | 82.2       | 200           | 2.78 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 52 (4.0') (H234350-34)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.03 | 102        | 2.00          | 0.329 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 1.92 | 96.1       | 2.00          | 0.617 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.98 | 99.0       | 2.00          | 0.309 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.99 | 99.8       | 6.00          | 0.524 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 112    | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

| 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            | 08/12/2023 | ND              | 165 | 82.6       | 200           | 1.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 164 | 82.2       | 200           | 2.78 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 53 (4.0') (H234350-35)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.03 | 102        | 2.00          | 0.329 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 1.92 | 96.1       | 2.00          | 0.617 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.98 | 99.0       | 2.00          | 0.309 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.99 | 99.8       | 6.00          | 0.524 |           |
| Total BTEx     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 48.0   | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

| 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            | 08/12/2023 | ND              | 165 | 82.6       | 200           | 1.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 164 | 82.2       | 200           | 2.78 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 54 (4.0') (H234350-36)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.03 | 102        | 2.00          | 0.329 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 1.92 | 96.1       | 2.00          | 0.617 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.98 | 99.0       | 2.00          | 0.309 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.99 | 99.8       | 6.00          | 0.524 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 64.0   | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/12/2023 | ND              | 165 | 82.6       | 200           | 1.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 164 | 82.2       | 200           | 2.78 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 71.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 55 (4.0') (H234350-37)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.03 | 102        | 2.00          | 0.329 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 1.92 | 96.1       | 2.00          | 0.617 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.98 | 99.0       | 2.00          | 0.309 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.99 | 99.8       | 6.00          | 0.524 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 96.0   | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

| 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            | 08/12/2023 | ND              | 165 | 82.6       | 200           | 1.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 164 | 82.2       | 200           | 2.78 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 56 (4.0') (H234350-38)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.03 | 102        | 2.00          | 0.329 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 1.92 | 96.1       | 2.00          | 0.617 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.98 | 99.0       | 2.00          | 0.309 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.99 | 99.8       | 6.00          | 0.524 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 96.0   | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

| 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            | 08/12/2023 | ND              | 165 | 82.6       | 200           | 1.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 164 | 82.2       | 200           | 2.78 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 57 (4.0') (H234350-39)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.03 | 102        | 2.00          | 0.329 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 1.92 | 96.1       | 2.00          | 0.617 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.98 | 99.0       | 2.00          | 0.309 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.99 | 99.8       | 6.00          | 0.524 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 112    | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

| 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            | 08/12/2023 | ND              | 165 | 82.6       | 200           | 1.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 164 | 82.2       | 200           | 2.78 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 58 (4.0') (H234350-40)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.03 | 102        | 2.00          | 0.329 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 1.92 | 96.1       | 2.00          | 0.617 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.98 | 99.0       | 2.00          | 0.309 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.99 | 99.8       | 6.00          | 0.524 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 96.0   | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/12/2023 | ND              | 165 | 82.6       | 200           | 1.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 164 | 82.2       | 200           | 2.78 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 59 (4.0') (H234350-41)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.03 | 102        | 2.00          | 0.329 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 1.92 | 96.1       | 2.00          | 0.617 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.98 | 99.0       | 2.00          | 0.309 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.99 | 99.8       | 6.00          | 0.524 |           |
| Total BTEx     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 48.0   | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

| 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            | 08/12/2023 | ND              | 165 | 82.6       | 200           | 1.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 164 | 82.2       | 200           | 2.78 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 60 (4.0') (H234350-42)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.03 | 102        | 2.00          | 0.329 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 1.92 | 96.1       | 2.00          | 0.617 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.98 | 99.0       | 2.00          | 0.309 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.99 | 99.8       | 6.00          | 0.524 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 144    | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

| 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            | 08/12/2023 | ND              | 165 | 82.6       | 200           | 1.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 164 | 82.2       | 200           | 2.78 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 61 (4.0') (H234350-43)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.03 | 102        | 2.00          | 0.329 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 1.92 | 96.1       | 2.00          | 0.617 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.98 | 99.0       | 2.00          | 0.309 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.99 | 99.8       | 6.00          | 0.524 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 64.0   | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

| 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            | 08/12/2023 | ND              | 165 | 82.6       | 200           | 1.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 164 | 82.2       | 200           | 2.78 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 62 (4.0') (H234350-44)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.03 | 102        | 2.00          | 0.329 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 1.92 | 96.1       | 2.00          | 0.617 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.98 | 99.0       | 2.00          | 0.309 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.99 | 99.8       | 6.00          | 0.524 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 64.0   | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/12/2023 | ND              | 165 | 82.6       | 200           | 1.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 164 | 82.2       | 200           | 2.78 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.3 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 63 (4.0') (H234350-45)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.03 | 102        | 2.00          | 0.329 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 1.92 | 96.1       | 2.00          | 0.617 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.98 | 99.0       | 2.00          | 0.309 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.99 | 99.8       | 6.00          | 0.524 |           |
| Total BTEx     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 128    | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

| 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            | 08/12/2023 | ND              | 165 | 82.6       | 200           | 1.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 164 | 82.2       | 200           | 2.78 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 76.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 64 (3.5') (H234350-46)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.03 | 102        | 2.00          | 0.329 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 1.92 | 96.1       | 2.00          | 0.617 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.98 | 99.0       | 2.00          | 0.309 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.99 | 99.8       | 6.00          | 0.524 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 80.0   | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/12/2023 | ND              | 165 | 82.6       | 200           | 1.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 164 | 82.2       | 200           | 2.78 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 65 (3.5') (H234350-47)**

| 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           | 08/12/2023 | ND               | 1.96 | 98.0       | 2.00          | 2.37 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND               | 1.89 | 94.6       | 2.00          | 3.60 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.76 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND               | 5.59 | 93.2       | 6.00          | 2.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 144    | 16.0            | 08/14/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

| 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            | 08/12/2023 | ND              | 165 | 82.6       | 200           | 1.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 164 | 82.2       | 200           | 2.78 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 66 (3.5') (H234350-48)**

| 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           | 08/12/2023 | ND               | 1.96 | 98.0       | 2.00          | 2.37 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND               | 1.89 | 94.6       | 2.00          | 3.60 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.76 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND               | 5.59 | 93.2       | 6.00          | 2.83 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 176    | 16.0            | 08/14/2023 | ND              | 448 | 112        | 400           | 3.64 |           |

| 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            | 08/12/2023 | ND              | 165 | 82.6       | 200           | 1.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 164 | 82.2       | 200           | 2.78 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 49.1-148

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 67 (3.5') (H234350-49)**

| 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           | 08/12/2023 | ND               | 1.96 | 98.0       | 2.00          | 2.37 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND               | 1.89 | 94.6       | 2.00          | 3.60 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.76 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND               | 5.59 | 93.2       | 6.00          | 2.83 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 208    | 16.0            | 08/14/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/12/2023 | ND              | 165 | 82.6       | 200           | 1.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 164 | 82.2       | 200           | 2.78 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 68 (3.5') (H234350-50)**

| 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           | 08/12/2023 | ND               | 1.96 | 98.0       | 2.00          | 2.37 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND               | 1.89 | 94.6       | 2.00          | 3.60 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.76 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND               | 5.59 | 93.2       | 6.00          | 2.83 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 80.0   | 16.0            | 08/14/2023 | ND              | 448 | 112        | 400           | 3.64 |           |

| 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            | 08/12/2023 | ND              | 165 | 82.6       | 200           | 1.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 164 | 82.2       | 200           | 2.78 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 69 (3.5') (H234350-51)**

| 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           | 08/12/2023 | ND               | 1.96 | 98.0       | 2.00          | 2.37 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND               | 1.89 | 94.6       | 2.00          | 3.60 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.76 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND               | 5.59 | 93.2       | 6.00          | 2.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 160    | 16.0            | 08/14/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/12/2023 | ND              | 165 | 82.6       | 200           | 1.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 164 | 82.2       | 200           | 2.78 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 70 (3.5') (H234350-52)**

| 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           | 08/12/2023 | ND               | 1.96 | 98.0       | 2.00          | 2.37 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND               | 1.89 | 94.6       | 2.00          | 3.60 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.76 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND               | 5.59 | 93.2       | 6.00          | 2.83 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 128    | 16.0            | 08/14/2023 | ND              | 448 | 112        | 400           | 3.64 |           |

| 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            | 08/12/2023 | ND              | 156 | 78.2       | 200           | 0.486 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 158 | 79.0       | 200           | 3.69  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 71 (3.5') (H234350-53)**

| 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           | 08/12/2023 | ND               | 1.96 | 98.0       | 2.00          | 2.37 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND               | 1.89 | 94.6       | 2.00          | 3.60 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.76 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND               | 5.59 | 93.2       | 6.00          | 2.83 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 176    | 16.0            | 08/14/2023 | ND              | 448 | 112        | 400           | 3.64 |           |

| 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            | 08/12/2023 | ND              | 156 | 78.2       | 200           | 0.486 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 158 | 79.0       | 200           | 3.69  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 72 (4.5') (H234350-54)**

| 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           | 08/12/2023 | ND               | 1.96 | 98.0       | 2.00          | 2.37 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND               | 1.89 | 94.6       | 2.00          | 3.60 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.76 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND               | 5.59 | 93.2       | 6.00          | 2.83 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 256    | 16.0            | 08/14/2023 | ND              | 448 | 112        | 400           | 3.64 |           |

| 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            | 08/12/2023 | ND              | 156 | 78.2       | 200           | 0.486 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 158 | 79.0       | 200           | 3.69  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.1 % 49.1-148

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 73 (4.5') (H234350-55)**

| 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           | 08/12/2023 | ND               | 1.96 | 98.0       | 2.00          | 2.37 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND               | 1.89 | 94.6       | 2.00          | 3.60 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.76 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND               | 5.59 | 93.2       | 6.00          | 2.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 2600   | 16.0            | 08/14/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/12/2023 | ND              | 156 | 78.2       | 200           | 0.486 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 158 | 79.0       | 200           | 3.69  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 74 (4.5') (H234350-56)**

| 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           | 08/12/2023 | ND               | 1.96 | 98.0       | 2.00          | 2.37 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND               | 1.89 | 94.6       | 2.00          | 3.60 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.76 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND               | 5.59 | 93.2       | 6.00          | 2.83 |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 1800   | 16.0            | 08/14/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/12/2023 | ND              | 156 | 78.2       | 200           | 0.486 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 158 | 79.0       | 200           | 3.69  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 70.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.4 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 75 (4.5') (H234350-57)**

| 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           | 08/12/2023 | ND               | 1.96 | 98.0       | 2.00          | 2.37 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND               | 1.89 | 94.6       | 2.00          | 3.60 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.76 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND               | 5.59 | 93.2       | 6.00          | 2.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 2040   | 16.0            | 08/14/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/12/2023 | ND              | 156 | 78.2       | 200           | 0.486 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 158 | 79.0       | 200           | 3.69  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 75.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 76 (4.5') (H234350-58)**

| 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           | 08/12/2023 | ND               | 1.96 | 98.0       | 2.00          | 2.37 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND               | 1.89 | 94.6       | 2.00          | 3.60 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.76 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND               | 5.59 | 93.2       | 6.00          | 2.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 128    | 16.0            | 08/14/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/12/2023 | ND              | 156 | 78.2       | 200           | 0.486 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 158 | 79.0       | 200           | 3.69  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 77 (4.5') (H234350-59)**

| 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           | 08/12/2023 | ND               | 1.96 | 98.0       | 2.00          | 2.37 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND               | 1.89 | 94.6       | 2.00          | 3.60 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.76 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND               | 5.59 | 93.2       | 6.00          | 2.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 176    | 16.0            | 08/14/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/12/2023 | ND              | 156 | 78.2       | 200           | 0.486 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 158 | 79.0       | 200           | 3.69  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 78 (4.5') (H234350-60)**

| 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           | 08/12/2023 | ND               | 1.96 | 98.0       | 2.00          | 2.37 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND               | 1.89 | 94.6       | 2.00          | 3.60 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.76 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND               | 5.59 | 93.2       | 6.00          | 2.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 672    | 16.0            | 08/14/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/12/2023 | ND              | 156 | 78.2       | 200           | 0.486 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 158 | 79.0       | 200           | 3.69  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 79 (4.5') (H234350-61)**

| 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           | 08/12/2023 | ND               | 1.96 | 98.0       | 2.00          | 2.37 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND               | 1.89 | 94.6       | 2.00          | 3.60 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.76 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND               | 5.59 | 93.2       | 6.00          | 2.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 816    | 16.0            | 08/14/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/12/2023 | ND              | 156 | 78.2       | 200           | 0.486 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 158 | 79.0       | 200           | 3.69  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 80 (4.5') (H234350-62)**

| 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           | 08/12/2023 | ND               | 1.96 | 98.0       | 2.00          | 2.37 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND               | 1.89 | 94.6       | 2.00          | 3.60 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.76 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND               | 5.59 | 93.2       | 6.00          | 2.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 2080   | 16.0            | 08/14/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/12/2023 | ND              | 156 | 78.2       | 200           | 0.486 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 158 | 79.0       | 200           | 3.69  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 10 (1.5') (H234350-63)**

| 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           | 08/12/2023 | ND               | 1.96 | 98.0       | 2.00          | 2.37 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND               | 1.89 | 94.6       | 2.00          | 3.60 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.76 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND               | 5.59 | 93.2       | 6.00          | 2.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 64.0   | 16.0            | 08/14/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/12/2023 | ND              | 156 | 78.2       | 200           | 0.486 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 158 | 79.0       | 200           | 3.69  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 11 (1.5') (H234350-64)**

| 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           | 08/12/2023 | ND               | 1.96 | 98.0       | 2.00          | 2.37 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND               | 1.89 | 94.6       | 2.00          | 3.60 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.76 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND               | 5.59 | 93.2       | 6.00          | 2.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 144    | 16.0            | 08/14/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/12/2023 | ND              | 156 | 78.2       | 200           | 0.486 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 158 | 79.0       | 200           | 3.69  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 12 (1.5') (H234350-65)**

| 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           | 08/12/2023 | ND               | 1.96 | 98.0       | 2.00          | 2.37 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND               | 1.89 | 94.6       | 2.00          | 3.60 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.76 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND               | 5.59 | 93.2       | 6.00          | 2.83 |           |
| Total BTEx     | <0.300 | 0.300           | 08/12/2023 | ND               |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48.0   | 16.0            | 08/14/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/12/2023 | ND              | 156 | 78.2       | 200           | 0.486 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 158 | 79.0       | 200           | 3.69  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 13 (1.5') (H234350-66)**

| 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           | 08/12/2023 | ND               | 1.96 | 98.0       | 2.00          | 2.37 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND               | 1.89 | 94.6       | 2.00          | 3.60 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND               | 1.91 | 95.5       | 2.00          | 3.76 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND               | 5.59 | 93.2       | 6.00          | 2.83 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 160    | 16.0            | 08/14/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/12/2023 | ND              | 156 | 78.2       | 200           | 0.486 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 158 | 79.0       | 200           | 3.69  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 14 (1.5') (H234350-67)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.15 | 107        | 2.00          | 0.420 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.06 | 103        | 2.00          | 1.22  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.99 | 99.3       | 2.00          | 0.692 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.93 | 98.8       | 6.00          | 2.15  |           |
| Total BTEx     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 08/14/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/12/2023 | ND              | 156 | 78.2       | 200           | 0.486 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 158 | 79.0       | 200           | 3.69  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 15 (1.5') (H234350-68)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.15 | 107        | 2.00          | 0.420 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.06 | 103        | 2.00          | 1.22  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.99 | 99.3       | 2.00          | 0.692 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.93 | 98.8       | 6.00          | 2.15  |           |
| Total BTX      | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | ND              | 416 | 104        | 400           | 3.92 |           |  |

| 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            | 08/12/2023 | ND              | 156 | 78.2       | 200           | 0.486 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 158 | 79.0       | 200           | 3.69  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 16 (2.5') (H234350-69)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.15 | 107        | 2.00          | 0.420 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.06 | 103        | 2.00          | 1.22  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.99 | 99.3       | 2.00          | 0.692 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.93 | 98.8       | 6.00          | 2.15  |           |  |
| Total BTX      | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | ND              | 416 | 104        | 400           | 3.92 |           |  |

| 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            | 08/12/2023 | ND              | 156 | 78.2       | 200           | 0.486 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 158 | 79.0       | 200           | 3.69  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 17 (2.5') (H234350-70)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.15 | 107        | 2.00          | 0.420 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.06 | 103        | 2.00          | 1.22  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.99 | 99.3       | 2.00          | 0.692 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.93 | 98.8       | 6.00          | 2.15  |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | ND              | 416 | 104        | 400           | 3.92 |           |  |

| 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            | 08/12/2023 | ND              | 156 | 78.2       | 200           | 0.486 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 158 | 79.0       | 200           | 3.69  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 18 (4.0') (H234350-71)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.15 | 107        | 2.00          | 0.420 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.06 | 103        | 2.00          | 1.22  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.99 | 99.3       | 2.00          | 0.692 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.93 | 98.8       | 6.00          | 2.15  |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | ND              | 416 | 104        | 400           | 3.92 |           |  |

| 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            | 08/12/2023 | ND              | 156 | 78.2       | 200           | 0.486 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 158 | 79.0       | 200           | 3.69  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.7 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 19 (4.0') (H234350-72)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.15 | 107        | 2.00          | 0.420 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.06 | 103        | 2.00          | 1.22  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.99 | 99.3       | 2.00          | 0.692 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.93 | 98.8       | 6.00          | 2.15  |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/14/2023 | ND              | 416 | 104        | 400           | 3.92 |           |  |

| 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            | 08/12/2023 | ND              | 159 | 79.4       | 200           | 0.904 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 173 | 86.6       | 200           | 1.14  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 20 (4.0') (H234350-73)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.15 | 107        | 2.00          | 0.420 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.06 | 103        | 2.00          | 1.22  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.99 | 99.3       | 2.00          | 0.692 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.93 | 98.8       | 6.00          | 2.15  |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 80.0   | 16.0            | 08/14/2023 | ND              | 416 | 104        | 400           | 3.92 |           |  |

| 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            | 08/12/2023 | ND              | 159 | 79.4       | 200           | 0.904 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 173 | 86.6       | 200           | 1.14  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 21 (4.0') (H234350-74)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.15 | 107        | 2.00          | 0.420 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.06 | 103        | 2.00          | 1.22  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.99 | 99.3       | 2.00          | 0.692 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.93 | 98.8       | 6.00          | 2.15  |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 128    | 16.0            | 08/14/2023 | ND              | 416 | 104        | 400           | 3.92 |           |

| 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            | 08/12/2023 | ND              | 159 | 79.4       | 200           | 0.904 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 173 | 86.6       | 200           | 1.14  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 22 (4.0') (H234350-75)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.15 | 107        | 2.00          | 0.420 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.06 | 103        | 2.00          | 1.22  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.99 | 99.3       | 2.00          | 0.692 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.93 | 98.8       | 6.00          | 2.15  |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 48.0   | 16.0            | 08/14/2023 | ND              | 416 | 104        | 400           | 3.92 |           |

| 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            | 08/12/2023 | ND              | 159 | 79.4       | 200           | 0.904 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 173 | 86.6       | 200           | 1.14  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 23 (4.0') (H234350-76)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.15 | 107        | 2.00          | 0.420 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.06 | 103        | 2.00          | 1.22  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.99 | 99.3       | 2.00          | 0.692 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.93 | 98.8       | 6.00          | 2.15  |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 112    | 16.0            | 08/14/2023 | ND              | 416 | 104        | 400           | 3.92 |           |  |

| 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            | 08/12/2023 | ND              | 159 | 79.4       | 200           | 0.904 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 173 | 86.6       | 200           | 1.14  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 24 (4.0') (H234350-77)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.15 | 107        | 2.00          | 0.420 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.06 | 103        | 2.00          | 1.22  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.99 | 99.3       | 2.00          | 0.692 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.93 | 98.8       | 6.00          | 2.15  |           |
| Total BTX      | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 96.0   | 16.0            | 08/14/2023 | ND              | 416 | 104        | 400           | 3.92 |           |  |

| 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            | 08/12/2023 | ND              | 159 | 79.4       | 200           | 0.904 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 173 | 86.6       | 200           | 1.14  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 25 (3.5') (H234350-78)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.15 | 107        | 2.00          | 0.420 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.06 | 103        | 2.00          | 1.22  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.99 | 99.3       | 2.00          | 0.692 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.93 | 98.8       | 6.00          | 2.15  |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 80.0   | 16.0            | 08/14/2023 | ND              | 416 | 104        | 400           | 3.92 |           |  |

| 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            | 08/12/2023 | ND              | 159 | 79.4       | 200           | 0.904 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 173 | 86.6       | 200           | 1.14  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 26 (3.5') (H234350-79)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.15 | 107        | 2.00          | 0.420 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.06 | 103        | 2.00          | 1.22  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.99 | 99.3       | 2.00          | 0.692 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.93 | 98.8       | 6.00          | 2.15  |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 128    | 16.0            | 08/14/2023 | ND              | 416 | 104        | 400           | 3.92 |           |

| 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            | 08/12/2023 | ND              | 159 | 79.4       | 200           | 0.904 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 173 | 86.6       | 200           | 1.14  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 27 (3.5') (H234350-80)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.15 | 107        | 2.00          | 0.420 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.06 | 103        | 2.00          | 1.22  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.99 | 99.3       | 2.00          | 0.692 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.93 | 98.8       | 6.00          | 2.15  |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 288    | 16.0            | 08/14/2023 | ND              | 416 | 104        | 400           | 3.92 |           |

| 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            | 08/12/2023 | ND              | 159 | 79.4       | 200           | 0.904 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 173 | 86.6       | 200           | 1.14  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 28 (3.5') (H234350-81)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.15 | 107        | 2.00          | 0.420 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.06 | 103        | 2.00          | 1.22  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.99 | 99.3       | 2.00          | 0.692 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.93 | 98.8       | 6.00          | 2.15  |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 64.0   | 16.0            | 08/14/2023 | ND              | 416 | 104        | 400           | 3.92 |           |  |

| 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            | 08/12/2023 | ND              | 159 | 79.4       | 200           | 0.904 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 173 | 86.6       | 200           | 1.14  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 29 (3.5') (H234350-82)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.15 | 107        | 2.00          | 0.420 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.06 | 103        | 2.00          | 1.22  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.99 | 99.3       | 2.00          | 0.692 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.93 | 98.8       | 6.00          | 2.15  |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 128    | 16.0            | 08/14/2023 | ND              | 416 | 104        | 400           | 3.92 |           |  |

| 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            | 08/12/2023 | ND              | 159 | 79.4       | 200           | 0.904 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 173 | 86.6       | 200           | 1.14  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 30 (3.5') (H234350-83)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.15 | 107        | 2.00          | 0.420 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.06 | 103        | 2.00          | 1.22  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.99 | 99.3       | 2.00          | 0.692 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.93 | 98.8       | 6.00          | 2.15  |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 80.0   | 16.0            | 08/14/2023 | ND              | 416 | 104        | 400           | 3.92 |           |  |

| 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            | 08/12/2023 | ND              | 159 | 79.4       | 200           | 0.904 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 173 | 86.6       | 200           | 1.14  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 31 (3.5') (H234350-84)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.15 | 107        | 2.00          | 0.420 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.06 | 103        | 2.00          | 1.22  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.99 | 99.3       | 2.00          | 0.692 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.93 | 98.8       | 6.00          | 2.15  |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 160    | 16.0            | 08/14/2023 | ND              | 416 | 104        | 400           | 3.92 |           |  |

| 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            | 08/12/2023 | ND              | 159 | 79.4       | 200           | 0.904 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 173 | 86.6       | 200           | 1.14  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 32 (1.0') (H234350-85)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.15 | 107        | 2.00          | 0.420 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.06 | 103        | 2.00          | 1.22  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.99 | 99.3       | 2.00          | 0.692 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.93 | 98.8       | 6.00          | 2.15  |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 928    | 16.0            | 08/14/2023 | ND              | 416 | 104        | 400           | 3.92 |           |  |

| 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            | 08/12/2023 | ND              | 159 | 79.4       | 200           | 0.904 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 173 | 86.6       | 200           | 1.14  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 58.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.1 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 33 (4.5') (H234350-86)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.15 | 107        | 2.00          | 0.420 |           |
| Toluene*       | <0.050 | 0.050           | 08/12/2023 | ND              | 2.06 | 103        | 2.00          | 1.22  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/12/2023 | ND              | 1.99 | 99.3       | 2.00          | 0.692 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/12/2023 | ND              | 5.93 | 98.8       | 6.00          | 2.15  |           |
| Total BTEX     | <0.300 | 0.300           | 08/12/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 128    | 16.0            | 08/14/2023 | ND              | 416 | 104        | 400           | 3.92 |           |

| 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            | 08/12/2023 | ND              | 159 | 79.4       | 200           | 0.904 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 173 | 86.6       | 200           | 1.14  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/14/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 34 (4.5') (H234350-87)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/14/2023 | ND              | 2.04 | 102        | 2.00          | 6.71 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/14/2023 | ND              | 2.02 | 101        | 2.00          | 6.31 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/14/2023 | ND              | 1.96 | 98.0       | 2.00          | 6.11 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/14/2023 | ND              | 5.93 | 98.8       | 6.00          | 6.06 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/14/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 112    | 16.0            | 08/14/2023 | ND              | 416 | 104        | 400           | 3.92 |           |  |

| 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            | 08/12/2023 | ND              | 159 | 79.4       | 200           | 0.904 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/12/2023 | ND              | 173 | 86.6       | 200           | 1.14  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/12/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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### Notes and Definitions

|      |                                                                                                                                                                |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.                                                 |
| BS-3 | Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.                            |
| 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<br>Samples reported on an as received basis (wet) unless otherwise noted on report |

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\*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager



**Work Order No:**

11234350

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|                                    |  |                                       |  |
|------------------------------------|--|---------------------------------------|--|
| Project Manager: Conner Moehring   |  | Bill to: (if different) James Kennedy |  |
| Company Name: Carmona Resources    |  | Company Name: EOG Resources           |  |
| Address: 310 W Wall St Ste 500     |  | Address: 5509 Champions Dr            |  |
| City, State ZIP: Midland, TX 79701 |  | City, State ZIP: Midland, Tx 79706    |  |
| Phone: 432-813-6823                |  | Email: James.Kennedy@eogresources.com |  |

|                                                 |                                                                           |                    |  |            |  |                  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   |                                                                             |  |
|-------------------------------------------------|---------------------------------------------------------------------------|--------------------|--|------------|--|------------------|--|--|--|--|--|--|--|--|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--|
| Project Name: Antero New Riser Spill (06.11.23) |                                                                           | Turn Around        |  | Pres. Code |  | ANALYSIS REQUEST |  |  |  |  |  |  |  |  |  |  |  | Preservative Codes                                                                                                                                                                                                                                                                |                                                                             |  |
| Project Number: 2054                            | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | Due Date: 24 Hours |  |            |  |                  |  |  |  |  |  |  |  |  |  |  |  | None: NO<br>Cool: Cool<br>HCL: HC<br>H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub><br>H <sub>3</sub> PO <sub>4</sub> : HP<br>NaHSO <sub>4</sub> : NABIS<br>Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub><br>Zn Acetate+NaOH: Zn<br>NaOH+Ascorbic Acid: SASC |                                                                             |  |
| Project location: Lea County, New Mexico        |                                                                           |                    |  |            |  |                  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   | DI Water: H <sub>2</sub> O<br>MeOH: Me<br>HNO <sub>3</sub> : HN<br>NaOH: Na |  |
| Sampler's Name: MM                              |                                                                           |                    |  |            |  |                  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   |                                                                             |  |
| PO #:                                           |                                                                           |                    |  |            |  |                  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                   |                                                                             |  |

|                                                                                           |                                                                                           |                                                                                 |                        |                     |                          |                                                                              |                        |            |           |  |                             |  |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------|---------------------|--------------------------|------------------------------------------------------------------------------|------------------------|------------|-----------|--|-----------------------------|--|---------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| SAMPLE RECEIPT                                                                            |                                                                                           | Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |                        | Thermometer ID: 140 |                          | Wet Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |                        | Parameters |           |  |                             |  |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Received Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>      | Cooler Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |                                                                                 | Correction Factor: N/A |                     | Temperature Reading: 4.3 |                                                                              | Corrected Temperature: |            | BTX 8021B |  | TPH 8015M (GRO + DRO + MRO) |  | Chloride 4500 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sample Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |                                                                                           |                                                                                 |                        |                     |                          |                                                                              |                        |            |           |  |                             |  |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total Containers:                                                                         |                                                                                           |                                                                                 |                        |                     |                          |                                                                              |                        |            |           |  |                             |  |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| Sample Identification | Date      | Time | Soil | Water | Grab/Comp | # of Cont |   |   |   |  |  |  |  |  |  |  |  |  | Sample Comments |    |
|-----------------------|-----------|------|------|-------|-----------|-----------|---|---|---|--|--|--|--|--|--|--|--|--|-----------------|----|
| CS-19 (1.5')          | 8/10/2023 |      | X    |       | Comp      | 1         | X | X | X |  |  |  |  |  |  |  |  |  |                 | 1  |
| CS-20 (1.5')          | 8/10/2023 |      | X    |       | Comp      | 1         | X | X | X |  |  |  |  |  |  |  |  |  |                 | 2  |
| CS-21 (1.5')          | 8/10/2023 |      | X    |       | Comp      | 1         | X | X | X |  |  |  |  |  |  |  |  |  |                 | 3  |
| CS-22 (1.5')          | 8/10/2023 |      | X    |       | Comp      | 1         | X | X | X |  |  |  |  |  |  |  |  |  |                 | 4  |
| CS-23 (1.5')          | 8/10/2023 |      | X    |       | Comp      | 1         | X | X | X |  |  |  |  |  |  |  |  |  |                 | 5  |
| CS-24 (1.5')          | 8/10/2023 |      | X    |       | Comp      | 1         | X | X | X |  |  |  |  |  |  |  |  |  |                 | 5  |
| CS-25 (1.5')          | 8/10/2023 |      | X    |       | Comp      | 1         | X | X | X |  |  |  |  |  |  |  |  |  |                 | 5  |
| CS-26 (1.5')          | 8/10/2023 |      | X    |       | Comp      | 1         | X | X | X |  |  |  |  |  |  |  |  |  |                 | 9  |
| CS-27 (1.5')          | 8/10/2023 |      | X    |       | Comp      | 1         | X | X | X |  |  |  |  |  |  |  |  |  |                 | 9  |
| CS-28 (1.5')          | 8/10/2023 |      | X    |       | Comp      | 1         | X | X | X |  |  |  |  |  |  |  |  |  |                 | 10 |

Comments: Email to Mike Carmona / [Mcarmona@carmonareresources.com](mailto:Mcarmona@carmonareresources.com) and Conner Moehring / [Cmoehring@carmonareresources.com](mailto:Cmoehring@carmonareresources.com)

|                                                     |  |                        |  |                                               |  |           |  |
|-----------------------------------------------------|--|------------------------|--|-----------------------------------------------|--|-----------|--|
| Relinquished by: (Signature) <i>Conner Moehring</i> |  | Date/Time 8-11-23 1330 |  | Received by: (Signature) <i>James Kennedy</i> |  | Date/Time |  |
|-----------------------------------------------------|--|------------------------|--|-----------------------------------------------|--|-----------|--|

|                                                                                                                                                                                |  |                                                                                                                                                                                                                 |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Program: UST/PT <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Superfund <input type="checkbox"/>      |  | State of Project: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> UST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> UST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  | Deliverables: EDD <input type="checkbox"/> Adapt <input type="checkbox"/> Other: <input type="checkbox"/>                                                                                                       |  |

|                     |  |
|---------------------|--|
| Work Order Comments |  |
|                     |  |



Chain of Custody

Work Order No: 11234350

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|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                     |                                                                                                                                                            |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Work Order Comments |                                                                                                                                                            |
| Program: UST/PT     | <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Inertland <input type="checkbox"/>  |
| State of Project:   |                                                                                                                                                            |
| Reporting Level II  | <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |
| Deliverables: EDD   | <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                             |

|                       |                                                                                                  |                        |                                                                                                  |                    |                                                                     |           |                                                                     |                  |                            |  |  |  |  |  |  |  |  |    |                 |                                                                   |  |
|-----------------------|--------------------------------------------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------|-----------|---------------------------------------------------------------------|------------------|----------------------------|--|--|--|--|--|--|--|--|----|-----------------|-------------------------------------------------------------------|--|
| Project Name:         | Antero New Riser Spill (06.11.23)                                                                |                        | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush                        |                    | Due Date:                                                           | 24 Hours  | Parameters                                                          | ANALYSIS REQUEST |                            |  |  |  |  |  |  |  |  |    |                 | Preservative Codes                                                |  |
| Project Number:       | 2054                                                                                             |                        |                                                                                                  |                    |                                                                     |           |                                                                     | None: NO         | DI Water: H <sub>2</sub> O |  |  |  |  |  |  |  |  |    |                 |                                                                   |  |
| Project Location:     | Lea County, New Mexico                                                                           |                        |                                                                                                  |                    |                                                                     |           |                                                                     | Cool: Cool       | MeOH: Me                   |  |  |  |  |  |  |  |  |    |                 |                                                                   |  |
| Sampler's Name:       | MM                                                                                               |                        |                                                                                                  |                    |                                                                     |           |                                                                     | HCL: HC          | HNO <sub>3</sub> : HN      |  |  |  |  |  |  |  |  |    |                 |                                                                   |  |
| PO #:                 |                                                                                                  |                        |                                                                                                  |                    |                                                                     |           | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>                     | NaOH: Na         |                            |  |  |  |  |  |  |  |  |    |                 |                                                                   |  |
| SAMPLE RECEIPT        |                                                                                                  | Temp Blank:            | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                              | Thermometer ID:    | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |                  |                            |  |  |  |  |  |  |  |  |    |                 |                                                                   |  |
| Received Intact:      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                              | Cooler Custody Seals:  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> | Correction Factor: |                                                                     |           |                                                                     |                  |                            |  |  |  |  |  |  |  |  |    |                 | NaHSO <sub>4</sub> : NABIS                                        |  |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> | Temperature Reading:   |                                                                                                  |                    |                                                                     |           |                                                                     |                  |                            |  |  |  |  |  |  |  |  |    |                 | Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> |  |
| Total Containers:     |                                                                                                  | Corrected Temperature: |                                                                                                  |                    |                                                                     |           |                                                                     |                  |                            |  |  |  |  |  |  |  |  |    |                 | Zn Acetate+NaOH: Zn                                               |  |
|                       |                                                                                                  |                        |                                                                                                  |                    |                                                                     |           |                                                                     |                  |                            |  |  |  |  |  |  |  |  |    |                 | NaOH+Ascorbic Acid: SAPC                                          |  |
| Sample Identification | Date                                                                                             | Time                   | Soil                                                                                             | Water              | Grab/Comp                                                           | # of Cont |                                                                     |                  |                            |  |  |  |  |  |  |  |  |    | Sample Comments |                                                                   |  |
| CS-29 (1.5')          | 8/10/2023                                                                                        |                        | X                                                                                                |                    | Comp                                                                | 1         | X                                                                   | X                | X                          |  |  |  |  |  |  |  |  | 11 |                 |                                                                   |  |
| CS-30 (1.5')          | 8/10/2023                                                                                        |                        | X                                                                                                |                    | Comp                                                                | 1         | X                                                                   | X                | X                          |  |  |  |  |  |  |  |  | 12 |                 |                                                                   |  |
| CS-31 (1.5')          | 8/10/2023                                                                                        |                        | X                                                                                                |                    | Comp                                                                | 1         | X                                                                   | X                | X                          |  |  |  |  |  |  |  |  | 13 |                 |                                                                   |  |
| CS-32 (1.5')          | 8/10/2023                                                                                        |                        | X                                                                                                |                    | Comp                                                                | 1         | X                                                                   | X                | X                          |  |  |  |  |  |  |  |  | 14 |                 |                                                                   |  |
| CS-33 (1.5')          | 8/10/2023                                                                                        |                        | X                                                                                                |                    | Comp                                                                | 1         | X                                                                   | X                | X                          |  |  |  |  |  |  |  |  | 15 |                 |                                                                   |  |
| CS-34 (1.5')          | 8/10/2023                                                                                        |                        | X                                                                                                |                    | Comp                                                                | 1         | X                                                                   | X                | X                          |  |  |  |  |  |  |  |  | 16 |                 |                                                                   |  |
| CS-35 (4.0')          | 8/10/2023                                                                                        |                        | X                                                                                                |                    | Comp                                                                | 1         | X                                                                   | X                | X                          |  |  |  |  |  |  |  |  | 17 |                 |                                                                   |  |
| CS-36 (4.0')          | 8/10/2023                                                                                        |                        | X                                                                                                |                    | Comp                                                                | 1         | X                                                                   | X                | X                          |  |  |  |  |  |  |  |  | 18 |                 |                                                                   |  |
| CS-37 (4.0')          | 8/10/2023                                                                                        |                        | X                                                                                                |                    | Comp                                                                | 1         | X                                                                   | X                | X                          |  |  |  |  |  |  |  |  | 19 |                 |                                                                   |  |
| CS-38 (4.0')          | 8/10/2023                                                                                        |                        | X                                                                                                |                    | Comp                                                                | 1         | X                                                                   | X                | X                          |  |  |  |  |  |  |  |  | 20 |                 |                                                                   |  |

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

|                              |              |                          |           |
|------------------------------|--------------|--------------------------|-----------|
| Relinquished by: (Signature) | Date/Time    | Received by: (Signature) | Date/Time |
| <u>Conner Moehring</u>       | 8-11-23 1330 | <u>James Kennedy</u>     |           |



Chain of Custody

Work Order No: 1934350

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|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                                |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                            |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Superfund <input type="checkbox"/>     |  |
| State of Project:                                                                                                                                                              |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> UST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                               |  |

|                       |                                   |                                                                         |                                  |                                          |                                                                     |                    |                                                                     |            |   |   |  |  |  |  |  |  |  |                    |                 |                            |                                                                   |                                                 |          |
|-----------------------|-----------------------------------|-------------------------------------------------------------------------|----------------------------------|------------------------------------------|---------------------------------------------------------------------|--------------------|---------------------------------------------------------------------|------------|---|---|--|--|--|--|--|--|--|--------------------|-----------------|----------------------------|-------------------------------------------------------------------|-------------------------------------------------|----------|
| Project Name:         | Antero New Riser Spill (06.11.23) |                                                                         | Turn Around                      |                                          | Pres. Code                                                          | ANALYSIS REQUEST   |                                                                     |            |   |   |  |  |  |  |  |  |  | Preservative Codes |                 |                            |                                                                   |                                                 |          |
| Project Number:       | 2054                              |                                                                         | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush |                                                                     | Due Date: 24 Hours |                                                                     |            |   |   |  |  |  |  |  |  |  |                    | None: NO        | DI Water: H <sub>2</sub> O |                                                                   |                                                 |          |
| Project Location:     | Lea County, New Mexico            |                                                                         |                                  |                                          |                                                                     |                    |                                                                     |            |   |   |  |  |  |  |  |  |  |                    | Cool: Cool      | MeOH: Me                   |                                                                   |                                                 |          |
| Sampler's Name:       | MM                                |                                                                         |                                  |                                          |                                                                     |                    |                                                                     |            |   |   |  |  |  |  |  |  |  |                    | HCL: HC         | HNO <sub>3</sub> : HN      |                                                                   |                                                 |          |
| PO #:                 |                                   |                                                                         | Temp Blank:                      |                                          | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:           | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Parameters |   |   |  |  |  |  |  |  |  |                    |                 |                            |                                                                   | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> | NaOH: Na |
| SAMPLE RECEIPT        | Received Intact:                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>     | Thermometer ID:                  |                                          |                                                                     | 440                |                                                                     |            |   |   |  |  |  |  |  |  |  |                    |                 |                            | H <sub>3</sub> PO <sub>4</sub> : HP                               |                                                 |          |
|                       | Cooler Custody Seals:             | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Correction Factor:               |                                          |                                                                     | 4.3                |                                                                     |            |   |   |  |  |  |  |  |  |  |                    |                 |                            | NaHSO <sub>4</sub> : NABIS                                        |                                                 |          |
|                       | Sample Custody Seals:             | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Temperature Reading:             |                                          |                                                                     | 4.3                |                                                                     |            |   |   |  |  |  |  |  |  |  |                    |                 |                            | Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> |                                                 |          |
|                       | Total Containers:                 |                                                                         | Corrected Temperature:           |                                          |                                                                     |                    |                                                                     |            |   |   |  |  |  |  |  |  |  |                    |                 |                            | Zn Acetate+NaOH: Zn                                               |                                                 |          |
|                       |                                   |                                                                         |                                  |                                          |                                                                     |                    |                                                                     |            |   |   |  |  |  |  |  |  |  |                    |                 |                            | NaOH+Ascorbic Acid: SAPC                                          |                                                 |          |
| Sample Identification | Date                              | Time                                                                    | Soil                             | Water                                    | Grab/Comp                                                           | # of Cont          |                                                                     |            |   |   |  |  |  |  |  |  |  |                    | Sample Comments |                            |                                                                   |                                                 |          |
| CS-39 (4.0')          | 8/10/2023                         |                                                                         | X                                |                                          | Comp                                                                | 1                  | X                                                                   | X          | X | X |  |  |  |  |  |  |  | 31                 |                 |                            |                                                                   |                                                 |          |
| CS-40 (4.0')          | 8/10/2023                         |                                                                         | X                                |                                          | Comp                                                                | 1                  | X                                                                   | X          | X | X |  |  |  |  |  |  |  | 32                 |                 |                            |                                                                   |                                                 |          |
| CS-41 (4.0')          | 8/10/2023                         |                                                                         | X                                |                                          | Comp                                                                | 1                  | X                                                                   | X          | X | X |  |  |  |  |  |  |  | 33                 |                 |                            |                                                                   |                                                 |          |
| CS-42 (4.0')          | 8/10/2023                         |                                                                         | X                                |                                          | Comp                                                                | 1                  | X                                                                   | X          | X | X |  |  |  |  |  |  |  | 34                 |                 |                            |                                                                   |                                                 |          |
| CS-43 (4.0')          | 8/10/2023                         |                                                                         | X                                |                                          | Comp                                                                | 1                  | X                                                                   | X          | X | X |  |  |  |  |  |  |  | 35                 |                 |                            |                                                                   |                                                 |          |
| CS-44 (4.0')          | 8/10/2023                         |                                                                         | X                                |                                          | Comp                                                                | 1                  | X                                                                   | X          | X | X |  |  |  |  |  |  |  | 36                 |                 |                            |                                                                   |                                                 |          |
| CS-45 (4.0')          | 8/10/2023                         |                                                                         | X                                |                                          | Comp                                                                | 1                  | X                                                                   | X          | X | X |  |  |  |  |  |  |  | 37                 |                 |                            |                                                                   |                                                 |          |
| CS-46 (4.0')          | 8/10/2023                         |                                                                         | X                                |                                          | Comp                                                                | 1                  | X                                                                   | X          | X | X |  |  |  |  |  |  |  | 38                 |                 |                            |                                                                   |                                                 |          |
| CS-47 (4.0')          | 8/10/2023                         |                                                                         | X                                |                                          | Comp                                                                | 1                  | X                                                                   | X          | X | X |  |  |  |  |  |  |  | 39                 |                 |                            |                                                                   |                                                 |          |
| CS-48 (4.0')          | 8/10/2023                         |                                                                         | X                                |                                          | Comp                                                                | 1                  | X                                                                   | X          | X | X |  |  |  |  |  |  |  | 30                 |                 |                            |                                                                   |                                                 |          |

Comments: Email to Mike Carmona / [Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com) and Conner Moehring / [Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)

|                              |              |                          |           |
|------------------------------|--------------|--------------------------|-----------|
| Relinquished by: (Signature) | Date/Time    | Received by: (Signature) | Date/Time |
| <i>James Kennedy</i>         | 8-11-23 1330 | <i>James Kennedy</i>     |           |



Chain of Custody

Work Order No: 11234350

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|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
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| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                           |  |
| Program: UST/ST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Inertland <input type="checkbox"/>     |  |
| State of Project:                                                                                                                                                             |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> PRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                              |  |

|                       |  |                                                                     |  |                                                                           |  |            |  |                                                                     |  |            |  |           |  |   |  |  |  |  |  |                                                                   |  |                                     |  |  |  |                 |  |
|-----------------------|--|---------------------------------------------------------------------|--|---------------------------------------------------------------------------|--|------------|--|---------------------------------------------------------------------|--|------------|--|-----------|--|---|--|--|--|--|--|-------------------------------------------------------------------|--|-------------------------------------|--|--|--|-----------------|--|
| Project Name:         |  | Antero New Riser Spill (06.11.23)                                   |  | Turn Around                                                               |  | Pres. Code |  | ANALYSIS REQUEST                                                    |  |            |  |           |  |   |  |  |  |  |  | Preservative Codes                                                |  |                                     |  |  |  |                 |  |
| Project Number:       |  | 2054                                                                |  | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush |  |            |  |                                                                     |  |            |  |           |  |   |  |  |  |  |  | None: NO    DI Water: H <sub>2</sub> O                            |  |                                     |  |  |  |                 |  |
| Project Location:     |  | Lea County, New Mexico                                              |  | Due Date:                                                                 |  | 24 Hours   |  |                                                                     |  |            |  |           |  |   |  |  |  |  |  | Cool: Cool    MeOH: Me                                            |  |                                     |  |  |  |                 |  |
| Sampler's Name:       |  | MM                                                                  |  |                                                                           |  |            |  |                                                                     |  |            |  |           |  |   |  |  |  |  |  | HCL: HC    HNO <sub>3</sub> : HN                                  |  |                                     |  |  |  |                 |  |
| PO #:                 |  |                                                                     |  |                                                                           |  |            |  |                                                                     |  |            |  |           |  |   |  |  |  |  |  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na          |  |                                     |  |  |  |                 |  |
| SAMPLE RECEIPT        |  | Temp Blank:                                                         |  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>       |  | Wet Ice:   |  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |  | Parameters |  |           |  |   |  |  |  |  |  |                                                                   |  | H <sub>3</sub> PO <sub>4</sub> : HP |  |  |  |                 |  |
| Received Intact:      |  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |  | Thermometer ID:                                                           |  | 140        |  | BTEX 8021B                                                          |  |            |  |           |  |   |  |  |  |  |  | NaHSO <sub>4</sub> : NABIS                                        |  |                                     |  |  |  |                 |  |
| Cooler Custody Seals: |  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |  | Correction Factor:                                                        |  | 4.32       |  | TPH 8015M ( GRO + DRO + MRO)                                        |  |            |  |           |  |   |  |  |  |  |  | Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> |  |                                     |  |  |  |                 |  |
| Sample Custody Seals: |  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |  | Temperature Reading:                                                      |  |            |  | Chloride 4500                                                       |  |            |  |           |  |   |  |  |  |  |  | Zn Acetate+NaOH: Zn                                               |  |                                     |  |  |  |                 |  |
| Total Containers:     |  |                                                                     |  | Corrected Temperature:                                                    |  |            |  |                                                                     |  |            |  |           |  |   |  |  |  |  |  | NaOH+Ascorbic Acid: SAPC                                          |  |                                     |  |  |  |                 |  |
| Sample Identification |  | Date                                                                |  | Time                                                                      |  | Soil       |  | Water                                                               |  | Grab/Comp  |  | # of Cont |  |   |  |  |  |  |  |                                                                   |  |                                     |  |  |  | Sample Comments |  |
| CS-49 (4.0')          |  | 8/10/2023                                                           |  |                                                                           |  | X          |  |                                                                     |  | Comp       |  | 1         |  | X |  |  |  |  |  |                                                                   |  |                                     |  |  |  | 31              |  |
| CS-50 (4.0')          |  | 8/10/2023                                                           |  |                                                                           |  | X          |  |                                                                     |  | Comp       |  | 1         |  | X |  |  |  |  |  |                                                                   |  |                                     |  |  |  | 32              |  |
| CS-51 (4.0')          |  | 8/10/2023                                                           |  |                                                                           |  | X          |  |                                                                     |  | Comp       |  | 1         |  | X |  |  |  |  |  |                                                                   |  |                                     |  |  |  | 33              |  |
| CS-52 (4.0')          |  | 8/10/2023                                                           |  |                                                                           |  | X          |  |                                                                     |  | Comp       |  | 1         |  | X |  |  |  |  |  |                                                                   |  |                                     |  |  |  | 34              |  |
| CS-53 (4.0')          |  | 8/10/2023                                                           |  |                                                                           |  | X          |  |                                                                     |  | Comp       |  | 1         |  | X |  |  |  |  |  |                                                                   |  |                                     |  |  |  | 35              |  |
| CS-54 (4.0')          |  | 8/10/2023                                                           |  |                                                                           |  | X          |  |                                                                     |  | Comp       |  | 1         |  | X |  |  |  |  |  |                                                                   |  |                                     |  |  |  | 36              |  |
| CS-55 (4.0')          |  | 8/10/2023                                                           |  |                                                                           |  | X          |  |                                                                     |  | Comp       |  | 1         |  | X |  |  |  |  |  |                                                                   |  |                                     |  |  |  | 37              |  |
| CS-56 (4.0')          |  | 8/10/2023                                                           |  |                                                                           |  | X          |  |                                                                     |  | Comp       |  | 1         |  | X |  |  |  |  |  |                                                                   |  |                                     |  |  |  | 38              |  |
| CS-57 (4.0')          |  | 8/10/2023                                                           |  |                                                                           |  | X          |  |                                                                     |  | Comp       |  | 1         |  | X |  |  |  |  |  |                                                                   |  |                                     |  |  |  | 39              |  |
| CS-58 (4.0')          |  | 8/10/2023                                                           |  |                                                                           |  | X          |  |                                                                     |  | Comp       |  | 1         |  | X |  |  |  |  |  |                                                                   |  |                                     |  |  |  | 40              |  |

Comments: Email to Mike Carmona | mcarmona@carmonaresources.com and Conner Moehring | cmoehring@carmonaresources.com

|                              |  |              |  |                          |  |           |  |
|------------------------------|--|--------------|--|--------------------------|--|-----------|--|
| Relinquished by: (Signature) |  | Date/Time    |  | Received by: (Signature) |  | Date/Time |  |
| <u>Conner Moehring</u>       |  | 8-11-23 1330 |  | <u>James Kennedy</u>     |  |           |  |



Chain of Custody

Work Order No: 11034350

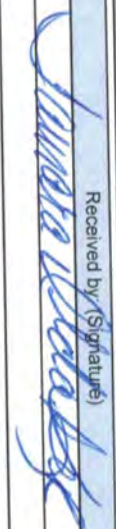
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|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                                |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                            |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Superfund <input type="checkbox"/>     |  |
| State of Project:                                                                                                                                                              |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> UST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                               |  |

|                       |                                   |  |                                                                           |                                                                     |            |                                                                     |           |           |   |   |   |  |  |  |                                                                   |                                                             |                                     |  |                 |  |
|-----------------------|-----------------------------------|--|---------------------------------------------------------------------------|---------------------------------------------------------------------|------------|---------------------------------------------------------------------|-----------|-----------|---|---|---|--|--|--|-------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------|--|-----------------|--|
| Project Name:         | Antero New Riser Spill (06.11.23) |  | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush |                                                                     | Pres. Code | ANALYSIS REQUEST                                                    |           |           |   |   |   |  |  |  |                                                                   | Preservative Codes                                          |                                     |  |                 |  |
| Project Number:       | 2054                              |  | Due Date: 24 Hours                                                        |                                                                     |            |                                                                     |           |           |   |   |   |  |  |  |                                                                   | None: NO<br>DI Water: H <sub>2</sub> O                      |                                     |  |                 |  |
| Project Location:     | Lea County, New Mexico            |  |                                                                           |                                                                     |            |                                                                     |           |           |   |   |   |  |  |  |                                                                   | Cool: Cool<br>MeOH: Me                                      |                                     |  |                 |  |
| Sampler's Name:       | MM                                |  |                                                                           |                                                                     |            |                                                                     |           |           |   |   |   |  |  |  |                                                                   | HCL: HC<br>HNO <sub>3</sub> : HN                            |                                     |  |                 |  |
| PO #:                 |                                   |  |                                                                           |                                                                     |            |                                                                     |           |           |   |   |   |  |  |  |                                                                   | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub><br>NaOH: Na |                                     |  |                 |  |
| SAMPLE RECEIPT        |                                   |  | Temp Blank:                                                               | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |           |           |   |   |   |  |  |  |                                                                   |                                                             | H <sub>3</sub> PO <sub>4</sub> : HP |  |                 |  |
| Received intact:      |                                   |  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>       | Thermometer ID:                                                     |            |                                                                     |           |           |   |   |   |  |  |  | NaHSO <sub>4</sub> : NABIS                                        |                                                             |                                     |  |                 |  |
| Cooler Custody Seals: |                                   |  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>       | Correction Factor:                                                  |            |                                                                     |           |           |   |   |   |  |  |  | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |                                                             |                                     |  |                 |  |
| Sample Custody Seals: |                                   |  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>       | Temperature Reading:                                                |            |                                                                     |           |           |   |   |   |  |  |  | Zn Acetate+NaOH: Zn                                               |                                                             |                                     |  |                 |  |
| Total Containers:     |                                   |  | Corrected Temperature:                                                    |                                                                     |            |                                                                     |           |           |   |   |   |  |  |  | NaOH+Ascorbic Acid: SAPC                                          |                                                             |                                     |  |                 |  |
| Sample Identification |                                   |  | Date                                                                      | Time                                                                | Soil       | Water                                                               | Grab/Comp | # of Cqnt |   |   |   |  |  |  |                                                                   |                                                             |                                     |  | Sample Comments |  |
| CS-59 (4.0')          |                                   |  | 8/10/2023                                                                 |                                                                     | X          |                                                                     | Comp      | 1         | X | X | X |  |  |  |                                                                   |                                                             | 41                                  |  |                 |  |
| CS-60 (4.0')          |                                   |  | 8/10/2023                                                                 |                                                                     | X          |                                                                     | Comp      | 1         | X | X | X |  |  |  |                                                                   |                                                             | 42                                  |  |                 |  |
| CS-61 (4.0')          |                                   |  | 8/10/2023                                                                 |                                                                     | X          |                                                                     | Comp      | 1         | X | X | X |  |  |  |                                                                   |                                                             | 43                                  |  |                 |  |
| CS-62 (4.0')          |                                   |  | 8/10/2023                                                                 |                                                                     | X          |                                                                     | Comp      | 1         | X | X | X |  |  |  |                                                                   |                                                             | 44                                  |  |                 |  |
| CS-63 (4.0')          |                                   |  | 8/10/2023                                                                 |                                                                     | X          |                                                                     | Comp      | 1         | X | X | X |  |  |  |                                                                   |                                                             | 45                                  |  |                 |  |
| CS-64 (3.5')          |                                   |  | 8/10/2023                                                                 |                                                                     | X          |                                                                     | Comp      | 1         | X | X | X |  |  |  |                                                                   |                                                             | 46                                  |  |                 |  |
| CS-65 (3.5')          |                                   |  | 8/10/2023                                                                 |                                                                     | X          |                                                                     | Comp      | 1         | X | X | X |  |  |  |                                                                   |                                                             | 47                                  |  |                 |  |
| CS-66 (3.5')          |                                   |  | 8/10/2023                                                                 |                                                                     | X          |                                                                     | Comp      | 1         | X | X | X |  |  |  |                                                                   |                                                             | 48                                  |  |                 |  |
| CS-67 (3.5')          |                                   |  | 8/10/2023                                                                 |                                                                     | X          |                                                                     | Comp      | 1         | X | X | X |  |  |  |                                                                   |                                                             | 49                                  |  |                 |  |
| CS-68 (3.5')          |                                   |  | 8/10/2023                                                                 |                                                                     | X          |                                                                     | Comp      | 1         | X | X | X |  |  |  |                                                                   |                                                             | 50                                  |  |                 |  |

Comments: Email to Mike Carmona | mcarmona@carmonaresources.com and Conner Moehring | cmoehring@carmonaresources.com

|                                                                                   |              |                                                                                     |           |
|-----------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|-----------|
| Relinquished by: (Signature)                                                      | Date/Time    | Received by: (Signature)                                                            | Date/Time |
|  | 8/11/23 1336 |  |           |



Chain of Custody

Work Order No: 14934350

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|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                                |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                            |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Inland <input type="checkbox"/>        |  |
| State of Project:                                                                                                                                                              |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> UST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                               |  |

|                       |                                                                     |                                                                           |            |                                                                     |  |  |  |  |  |  |  |  |  |  |  |                                                 |                                                                   |  |
|-----------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------|------------|---------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|-------------------------------------------------|-------------------------------------------------------------------|--|
| Project Name:         | Antero New Riser Spill (06.11.23)                                   | Turn Around                                                               | Pres. Code | ANALYSIS REQUEST                                                    |  |  |  |  |  |  |  |  |  |  |  | Preservative Codes                              |                                                                   |  |
| Project Number:       | 2054                                                                | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush |            |                                                                     |  |  |  |  |  |  |  |  |  |  |  | None: NO                                        | DI Water: H <sub>2</sub> O                                        |  |
| Project Location:     | Lea County, New Mexico                                              | Due Date:                                                                 | 24 Hours   |                                                                     |  |  |  |  |  |  |  |  |  |  |  | Cool: Cool                                      | MeOH: Me                                                          |  |
| Sampler's Name:       | MM                                                                  |                                                                           |            |                                                                     |  |  |  |  |  |  |  |  |  |  |  | HCL: HC                                         | HNO <sub>3</sub> : HN                                             |  |
| PO #:                 |                                                                     |                                                                           |            |                                                                     |  |  |  |  |  |  |  |  |  |  |  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> | NaOH: Na                                                          |  |
| SAMPLE RECEIPT        | Temp Blank:                                                         | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>       | Wet Ice:   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |  |  |  |  |  |  |  |  |  |  |  |                                                 | H <sub>3</sub> PO <sub>4</sub> : HP                               |  |
| Received Intact:      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID:                                                           |            |                                                                     |  |  |  |  |  |  |  |  |  |  |  |                                                 | NaHSO <sub>4</sub> : NABIS                                        |  |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor:                                                        |            |                                                                     |  |  |  |  |  |  |  |  |  |  |  |                                                 | Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> |  |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Temperature Reading:                                                      |            |                                                                     |  |  |  |  |  |  |  |  |  |  |  |                                                 | Zn Acetate+NaOH: Zn                                               |  |
| Total Containers:     |                                                                     | Corrected Temperature:                                                    |            |                                                                     |  |  |  |  |  |  |  |  |  |  |  |                                                 | NaOH+Ascorbic Acid: SAPC                                          |  |

| Sample Identification | Date      | Time | Soil | Water | Grab/<br>Comp | # of<br>Cont |   |   |   |  |  |  |  |  |  |  |  |    | Sample Comments |
|-----------------------|-----------|------|------|-------|---------------|--------------|---|---|---|--|--|--|--|--|--|--|--|----|-----------------|
| CS-69 (3.5')          | 8/10/2023 |      | X    |       | Comp          | 1            | X | X | X |  |  |  |  |  |  |  |  | 51 |                 |
| CS-70 (3.5')          | 8/10/2023 |      | X    |       | Comp          | 1            | X | X | X |  |  |  |  |  |  |  |  | 52 |                 |
| CS-71 (3.5')          | 8/10/2023 |      | X    |       | Comp          | 1            | X | X | X |  |  |  |  |  |  |  |  | 53 |                 |
| CS-72 (4.5')          | 8/10/2023 |      | X    |       | Comp          | 1            | X | X | X |  |  |  |  |  |  |  |  | 54 |                 |
| CS-73 (4.5')          | 8/10/2023 |      | X    |       | Comp          | 1            | X | X | X |  |  |  |  |  |  |  |  | 55 |                 |
| CS-74 (4.5')          | 8/10/2023 |      | X    |       | Comp          | 1            | X | X | X |  |  |  |  |  |  |  |  | 56 |                 |
| CS-75 (4.5')          | 8/10/2023 |      | X    |       | Comp          | 1            | X | X | X |  |  |  |  |  |  |  |  | 57 |                 |
| CS-76 (4.5')          | 8/10/2023 |      | X    |       | Comp          | 1            | X | X | X |  |  |  |  |  |  |  |  | 58 |                 |
| CS-77 (4.5')          | 8/10/2023 |      | X    |       | Comp          | 1            | X | X | X |  |  |  |  |  |  |  |  | 59 |                 |
| CS-78 (4.5')          | 8/10/2023 |      | X    |       | Comp          | 1            | X | X | X |  |  |  |  |  |  |  |  | 60 |                 |

Comments: Email to Mike Carmona / [Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com) and Conner Moehring / [Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)

|                                                                                   |              |                                                                                     |           |
|-----------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|-----------|
| Relinquished by: (Signature)                                                      | Date/Time    | Received by: (Signature)                                                            | Date/Time |
|  | 8-11-23 1330 |  |           |



Chain of Custody

Work Order No: 11334350

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|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                                |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                            |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>    |  |
| State of Project:                                                                                                                                                              |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDO <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                               |  |

|                       |                                   |                                                                     |                                                                           |                                                                     |                                                                     |                  |           |                                                                     |   |   |  |  |  |  |  |  |  |                    |                                     |                          |                                                                   |  |
|-----------------------|-----------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|------------------|-----------|---------------------------------------------------------------------|---|---|--|--|--|--|--|--|--|--------------------|-------------------------------------|--------------------------|-------------------------------------------------------------------|--|
| Project Name:         | Antero New Riser Spill (06.11.23) |                                                                     | <input type="checkbox"/> Turn Around                                      |                                                                     | Pres. Code                                                          | ANALYSIS REQUEST |           |                                                                     |   |   |  |  |  |  |  |  |  | Preservative Codes |                                     |                          |                                                                   |  |
| Project Number:       | 2054                              |                                                                     | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush |                                                                     |                                                                     |                  |           |                                                                     |   |   |  |  |  |  |  |  |  |                    | None: NO DI Water: H <sub>2</sub> O |                          |                                                                   |  |
| Project Location:     | Lea County, New Mexico            |                                                                     | Due Date:                                                                 |                                                                     |                                                                     | 24 Hours         |           |                                                                     |   |   |  |  |  |  |  |  |  |                    | Cool: Cool MeOH: Me                 |                          |                                                                   |  |
| Sampler's Name:       | MM                                |                                                                     |                                                                           |                                                                     |                                                                     |                  |           |                                                                     |   |   |  |  |  |  |  |  |  |                    | HCL: HC HNO <sub>3</sub> : HN       |                          |                                                                   |  |
| PO #:                 |                                   |                                                                     | Temp Blank:                                                               |                                                                     | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:         |           | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |   |   |  |  |  |  |  |  |  |                    |                                     |                          | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na          |  |
| SAMPLE RECEIPT        |                                   | Received Intact:                                                    |                                                                           | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID:                                                     |                  | 140       |                                                                     |   |   |  |  |  |  |  |  |  |                    |                                     |                          | NaHSO <sub>4</sub> : NABIS                                        |  |
| Cooler Custody Seals: |                                   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor:                                                        |                                                                     | N/A                                                                 |                  | 4.32      |                                                                     |   |   |  |  |  |  |  |  |  |                    |                                     |                          | Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> |  |
| Sample Custody Seals: |                                   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Temperature Reading:                                                      |                                                                     | N/A                                                                 |                  |           |                                                                     |   |   |  |  |  |  |  |  |  |                    |                                     |                          | Zn Acetate+NaOH: Zn                                               |  |
| Total Containers:     |                                   |                                                                     |                                                                           | Corrected Temperature:                                              |                                                                     |                  |           |                                                                     |   |   |  |  |  |  |  |  |  |                    |                                     | NaOH+Ascorbic Acid: SAPC |                                                                   |  |
| Sample Identification |                                   | Date                                                                | Time                                                                      | Soil                                                                | Water                                                               | Grab/Comp        | # of Cont |                                                                     |   |   |  |  |  |  |  |  |  |                    |                                     | Sample Comments          |                                                                   |  |
| CS-79 (4.5)           |                                   | 8/10/2023                                                           |                                                                           | X                                                                   |                                                                     | Comp             | 1         | X                                                                   | X | X |  |  |  |  |  |  |  | 141                |                                     |                          |                                                                   |  |
| CS-80 (4.5)           |                                   | 8/10/2023                                                           |                                                                           | X                                                                   |                                                                     | Comp             | 1         | X                                                                   | X | X |  |  |  |  |  |  |  | 103                |                                     |                          |                                                                   |  |
| SW-10 (1.5)           |                                   | 8/10/2023                                                           |                                                                           | X                                                                   |                                                                     | Comp             | 1         | X                                                                   | X | X |  |  |  |  |  |  |  | 104                |                                     |                          |                                                                   |  |
| SW-11 (1.5)           |                                   | 8/10/2023                                                           |                                                                           | X                                                                   |                                                                     | Comp             | 1         | X                                                                   | X | X |  |  |  |  |  |  |  | 105                |                                     |                          |                                                                   |  |
| SW-12 (1.5)           |                                   | 8/10/2023                                                           |                                                                           | X                                                                   |                                                                     | Comp             | 1         | X                                                                   | X | X |  |  |  |  |  |  |  | 106                |                                     |                          |                                                                   |  |
| SW-13 (1.5)           |                                   | 8/10/2023                                                           |                                                                           | X                                                                   |                                                                     | Comp             | 1         | X                                                                   | X | X |  |  |  |  |  |  |  | 107                |                                     |                          |                                                                   |  |
| SW-14 (1.5)           |                                   | 8/10/2023                                                           |                                                                           | X                                                                   |                                                                     | Comp             | 1         | X                                                                   | X | X |  |  |  |  |  |  |  | 108                |                                     |                          |                                                                   |  |
| SW-15 (1.5)           |                                   | 8/10/2023                                                           |                                                                           | X                                                                   |                                                                     | Comp             | 1         | X                                                                   | X | X |  |  |  |  |  |  |  | 109                |                                     |                          |                                                                   |  |
| SW-16 (2.5)           |                                   | 8/10/2023                                                           |                                                                           | X                                                                   |                                                                     | Comp             | 1         | X                                                                   | X | X |  |  |  |  |  |  |  | 70                 |                                     |                          |                                                                   |  |
| SW-17 (2.5)           |                                   | 8/10/2023                                                           |                                                                           | X                                                                   |                                                                     | Comp             | 1         | X                                                                   | X | X |  |  |  |  |  |  |  |                    |                                     |                          |                                                                   |  |

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

|                              |              |                          |           |
|------------------------------|--------------|--------------------------|-----------|
| Relinquished by: (Signature) | Date/Time    | Received by: (Signature) | Date/Time |
| <u>Conner Moehring</u>       | 8-11-23 1330 | <u>James Kennedy</u>     |           |



Chain of Custody

Work Order No: 1234350

Page 8 of 9

|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                                |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                            |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Impound <input type="checkbox"/>       |  |
| State of Project:                                                                                                                                                              |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                               |  |

|                       |                                                                     |                      |                                                                           |                                                                     |            |                                                                     |                              |   |   |  |  |  |  |  |  |                                                             |                                                                   |  |
|-----------------------|---------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------|------------|---------------------------------------------------------------------|------------------------------|---|---|--|--|--|--|--|--|-------------------------------------------------------------|-------------------------------------------------------------------|--|
| Project Name:         | Antero New Riser Spill (06.11.23)                                   |                      | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush |                                                                     | Pres. Code | ANALYSIS REQUEST                                                    |                              |   |   |  |  |  |  |  |  | Preservative Codes                                          |                                                                   |  |
| Project Number:       | 2054                                                                |                      | Due Date:                                                                 | 24 Hours                                                            |            |                                                                     |                              |   |   |  |  |  |  |  |  |                                                             | None: NO<br>DI Water: H <sub>2</sub> O                            |  |
| Project Location:     | Lea County, New Mexico                                              |                      |                                                                           |                                                                     |            |                                                                     |                              |   |   |  |  |  |  |  |  | Cool: Cool<br>MeOH: Me                                      |                                                                   |  |
| Sampler's Name:       | MM                                                                  |                      |                                                                           |                                                                     |            |                                                                     |                              |   |   |  |  |  |  |  |  | HCL: HC<br>HNO <sub>3</sub> : HN                            |                                                                   |  |
| PO #:                 |                                                                     |                      |                                                                           |                                                                     |            |                                                                     |                              |   |   |  |  |  |  |  |  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub><br>NaOH: Na |                                                                   |  |
| SAMPLE RECEIPT        |                                                                     |                      | Temp Blank:                                                               | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Parameters                   |   |   |  |  |  |  |  |  |                                                             | H <sub>3</sub> PO <sub>4</sub> : HP<br>NaHSO <sub>4</sub> : NABIS |  |
| Received Inact:       | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID:      |                                                                           |                                                                     |            |                                                                     | BTEX 8021B                   |   |   |  |  |  |  |  |  |                                                             | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |  |
| Coder Custody Seals:  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor:   |                                                                           |                                                                     |            |                                                                     | TPH 8016M ( GRO + DRO + MRO) |   |   |  |  |  |  |  |  |                                                             | Zn Acetate+NaOH: Zn                                               |  |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Temperature Reading: |                                                                           |                                                                     |            |                                                                     | Chloride 4500                |   |   |  |  |  |  |  |  |                                                             | NaOH+Ascorbic Acid: SAPC                                          |  |
| Total Containers:     |                                                                     |                      | Corrected Temperature:                                                    |                                                                     |            |                                                                     |                              |   |   |  |  |  |  |  |  |                                                             |                                                                   |  |
| Sample Identification | Date                                                                | Time                 | Soil                                                                      | Water                                                               | Grab/Comp  | # of Cont                                                           |                              |   |   |  |  |  |  |  |  |                                                             | Sample Comments                                                   |  |
| SW-18 (4.0')          | 8/10/2023                                                           |                      | X                                                                         |                                                                     | Comp       | 1                                                                   | X                            | X | X |  |  |  |  |  |  | 71                                                          |                                                                   |  |
| SW-19 (4.0')          | 8/10/2023                                                           |                      | X                                                                         |                                                                     | Comp       | 1                                                                   | X                            | X | X |  |  |  |  |  |  | 72                                                          |                                                                   |  |
| SW-20 (4.0')          | 8/10/2023                                                           |                      | X                                                                         |                                                                     | Comp       | 1                                                                   | X                            | X | X |  |  |  |  |  |  | 73                                                          |                                                                   |  |
| SW-21 (4.0')          | 8/10/2023                                                           |                      | X                                                                         |                                                                     | Comp       | 1                                                                   | X                            | X | X |  |  |  |  |  |  | 74                                                          |                                                                   |  |
| SW-22 (4.0')          | 8/10/2023                                                           |                      | X                                                                         |                                                                     | Comp       | 1                                                                   | X                            | X | X |  |  |  |  |  |  | 75                                                          |                                                                   |  |
| SW-23 (4.0')          | 8/10/2023                                                           |                      | X                                                                         |                                                                     | Comp       | 1                                                                   | X                            | X | X |  |  |  |  |  |  | 76                                                          |                                                                   |  |
| SW-24 (4.0')          | 8/10/2023                                                           |                      | X                                                                         |                                                                     | Comp       | 1                                                                   | X                            | X | X |  |  |  |  |  |  | 77                                                          |                                                                   |  |
| SW-25 (3.5')          | 8/10/2023                                                           |                      | X                                                                         |                                                                     | Comp       | 1                                                                   | X                            | X | X |  |  |  |  |  |  | 78                                                          |                                                                   |  |
| SW-26 (3.5')          | 8/10/2023                                                           |                      | X                                                                         |                                                                     | Comp       | 1                                                                   | X                            | X | X |  |  |  |  |  |  | 79                                                          |                                                                   |  |
| SW-27 (3.5')          | 8/10/2023                                                           |                      | X                                                                         |                                                                     | Comp       | 1                                                                   | X                            | X | X |  |  |  |  |  |  | 80                                                          |                                                                   |  |

Comments: Email to Mike Carmona / mcarmona@carmonarresources.com and Conner Moehring / cmoehring@carmonarresources.com

|                              |              |                          |           |
|------------------------------|--------------|--------------------------|-----------|
| Relinquished by: (Signature) | Date/Time    | Received by: (Signature) | Date/Time |
| <i>Conner Moehring</i>       | 8-11-23 1330 | <i>James Kennedy</i>     |           |



Chain of Custody

Work Order No: HA34350

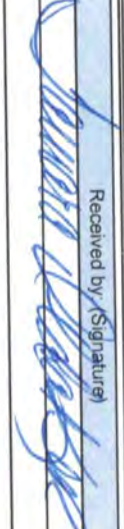
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|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, Tx 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                           |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>   |  |
| State of Project:                                                                                                                                                             |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                              |  |

|                        |                                                                                                  |                      |                                  |                                                                     |            |                                                                     |                              |           |   |   |   |  |  |  |  |  |                                                                   |                    |                                                 |                            |                       |  |
|------------------------|--------------------------------------------------------------------------------------------------|----------------------|----------------------------------|---------------------------------------------------------------------|------------|---------------------------------------------------------------------|------------------------------|-----------|---|---|---|--|--|--|--|--|-------------------------------------------------------------------|--------------------|-------------------------------------------------|----------------------------|-----------------------|--|
| Project Name:          | Antero New Riser Spill (06.11.23)                                                                |                      | Turn Around                      |                                                                     | Pres. Code | ANALYSIS REQUEST                                                    |                              |           |   |   |   |  |  |  |  |  |                                                                   | Preservative Codes |                                                 |                            |                       |  |
| Project Number:        | 2054                                                                                             |                      | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush                            |            | Parameters                                                          |                              |           |   |   |   |  |  |  |  |  |                                                                   |                    | None: NO                                        | DI Water: H <sub>2</sub> O |                       |  |
| Project Location:      | Lea County, New Mexico                                                                           |                      | Due Date: 24 Hours               |                                                                     |            |                                                                     | BTEX 8021B                   |           |   |   |   |  |  |  |  |  |                                                                   |                    |                                                 | Cool: Cool                 | MeOH: Me              |  |
| Sampler's Name:        | MM                                                                                               |                      |                                  |                                                                     |            |                                                                     | TPH 8015M ( GRO + DRO + MRO) |           |   |   |   |  |  |  |  |  |                                                                   |                    |                                                 | HCL: HC                    | HNO <sub>3</sub> : HN |  |
| PO #:                  |                                                                                                  |                      |                                  |                                                                     |            |                                                                     |                              |           |   |   |   |  |  |  |  |  |                                                                   |                    | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> | NaOH: Na                   |                       |  |
| SAMPLE RECEIPT         |                                                                                                  |                      | Temp Blank:                      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |                              |           |   |   |   |  |  |  |  |  |                                                                   |                    | H <sub>3</sub> PO <sub>4</sub> : HP             |                            |                       |  |
| Received Intact:       | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                              | Thermometer ID:      |                                  |                                                                     |            |                                                                     |                              |           |   |   |   |  |  |  |  |  | NaHSO <sub>4</sub> : NABIS                                        |                    |                                                 |                            |                       |  |
| Cooler Custody Seals:  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> | Correction Factor:   |                                  |                                                                     |            |                                                                     |                              |           |   |   |   |  |  |  |  |  | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |                    |                                                 |                            |                       |  |
| Sample Custody Seals:  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> | Temperature Reading: | 4.3°                             |                                                                     |            |                                                                     |                              |           |   |   |   |  |  |  |  |  | Zn Acetate+NaOH: Zn                                               |                    |                                                 |                            |                       |  |
| Total Containers:      |                                                                                                  |                      | Corrected Temperature:           |                                                                     |            |                                                                     |                              |           |   |   |   |  |  |  |  |  | NaOH+Ascorbic Acid: SAPC                                          |                    |                                                 |                            |                       |  |
| Sample Identification: |                                                                                                  |                      | Date                             | Time                                                                | Soil       | Water                                                               | Grab/ Comp                   | # of Cont |   |   |   |  |  |  |  |  |                                                                   |                    |                                                 |                            | Sample Comments       |  |
| SW-28 (3.5')           |                                                                                                  |                      | 8/10/2023                        |                                                                     | X          |                                                                     | Comp                         | 1         | X | X | X |  |  |  |  |  |                                                                   | 71                 |                                                 |                            |                       |  |
| SW-29 (3.5')           |                                                                                                  |                      | 8/10/2023                        |                                                                     | X          |                                                                     | Comp                         | 1         | X | X | X |  |  |  |  |  |                                                                   | 83                 |                                                 |                            |                       |  |
| SW-30 (3.5')           |                                                                                                  |                      | 8/10/2023                        |                                                                     | X          |                                                                     | Comp                         | 1         | X | X | X |  |  |  |  |  |                                                                   | 84                 |                                                 |                            |                       |  |
| SW-31 (3.5')           |                                                                                                  |                      | 8/10/2023                        |                                                                     | X          |                                                                     | Comp                         | 1         | X | X | X |  |  |  |  |  |                                                                   | 85                 |                                                 |                            |                       |  |
| SW-32 (1.0')           |                                                                                                  |                      | 8/10/2023                        |                                                                     | X          |                                                                     | Comp                         | 1         | X | X | X |  |  |  |  |  |                                                                   | 86                 |                                                 |                            |                       |  |
| SW-33 (4.5')           |                                                                                                  |                      | 8/10/2023                        |                                                                     | X          |                                                                     | Comp                         | 1         | X | X | X |  |  |  |  |  |                                                                   | 87                 |                                                 |                            |                       |  |
| SW-34 (4.5')           |                                                                                                  |                      | 8/10/2023                        |                                                                     | X          |                                                                     | Comp                         | 1         | X | X | X |  |  |  |  |  |                                                                   | 87                 |                                                 |                            |                       |  |

Comments: Email to Mike Carmona / Mccarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

|                                                                                   |              |                                                                                     |           |
|-----------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|-----------|
| Relinquished by: (Signature)                                                      | Date/Time    | Received by: (Signature)                                                            | Date/Time |
|  | 8-11-23 1330 |  |           |



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

---

August 21, 2023

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: ANTERO NEW RISER SPILL (06.11.23)

Enclosed are the results of analyses for samples received by the laboratory on 08/18/23 16:40.

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/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 81 (4.25') (H234515-01)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/18/2023 | ND              | 2.11 | 106        | 2.00          | 1.71  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/18/2023 | ND              | 2.17 | 109        | 2.00          | 1.27  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/18/2023 | ND              | 2.17 | 109        | 2.00          | 0.980 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/18/2023 | ND              | 7.00 | 117        | 6.00          | 0.643 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/18/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 336    | 16.0            | 08/21/2023 | 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            | 08/19/2023 | ND              | 194 | 97.1       | 200           | 5.14 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 195 | 97.3       | 200           | 3.53 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 145 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 82 (4.25') (H234515-02)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/18/2023 | ND              | 2.11 | 106        | 2.00          | 1.71  |           |
| Toluene*       | <0.050 | 0.050           | 08/18/2023 | ND              | 2.17 | 109        | 2.00          | 1.27  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/18/2023 | ND              | 2.17 | 109        | 2.00          | 0.980 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/18/2023 | ND              | 7.00 | 117        | 6.00          | 0.643 |           |
| Total BTEX     | <0.300 | 0.300           | 08/18/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 3000   | 16.0            | 08/21/2023 | 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            | 08/19/2023 | ND              | 194 | 97.1       | 200           | 5.14 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 195 | 97.3       | 200           | 3.53 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 83 (4.25') (H234515-03)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/18/2023 | ND              | 2.11 | 106        | 2.00          | 1.71  |           |
| Toluene*       | <0.050 | 0.050           | 08/18/2023 | ND              | 2.17 | 109        | 2.00          | 1.27  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/18/2023 | ND              | 2.17 | 109        | 2.00          | 0.980 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/18/2023 | ND              | 7.00 | 117        | 6.00          | 0.643 |           |
| Total BTEX     | <0.300 | 0.300           | 08/18/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 464    | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 194 | 97.1       | 200           | 5.14 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 195 | 97.3       | 200           | 3.53 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 84 (4.25') (H234515-04)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/18/2023 | ND              | 2.11 | 106        | 2.00          | 1.71  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/18/2023 | ND              | 2.17 | 109        | 2.00          | 1.27  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/18/2023 | ND              | 2.17 | 109        | 2.00          | 0.980 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/18/2023 | ND              | 7.00 | 117        | 6.00          | 0.643 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/18/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 864    | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 194 | 97.1       | 200           | 5.14 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 195 | 97.3       | 200           | 3.53 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 85 (4.25') (H234515-05)**

| BTX 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           | 08/18/2023 | ND              | 2.11 | 106        | 2.00          | 1.71  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/18/2023 | ND              | 2.17 | 109        | 2.00          | 1.27  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/18/2023 | ND              | 2.17 | 109        | 2.00          | 0.980 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/18/2023 | ND              | 7.00 | 117        | 6.00          | 0.643 |           |  |
| Total BTX      | <0.300 | 0.300           | 08/18/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 336    | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 194 | 97.1       | 200           | 5.14 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 195 | 97.3       | 200           | 3.53 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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 MIDLAND TX, 79701  
 Fax To:

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 86 (4.25') (H234515-06)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/18/2023 | ND              | 2.11 | 106        | 2.00          | 1.71  |           |
| Toluene*       | <0.050 | 0.050           | 08/18/2023 | ND              | 2.17 | 109        | 2.00          | 1.27  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/18/2023 | ND              | 2.17 | 109        | 2.00          | 0.980 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/18/2023 | ND              | 7.00 | 117        | 6.00          | 0.643 |           |
| Total BTEx     | <0.300 | 0.300           | 08/18/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 1800   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 194 | 97.1       | 200           | 5.14 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 195 | 97.3       | 200           | 3.53 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 87 (4.25') (H234515-07)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/18/2023 | ND              | 2.11 | 106        | 2.00          | 1.71  |           |
| Toluene*       | <0.050 | 0.050           | 08/18/2023 | ND              | 2.17 | 109        | 2.00          | 1.27  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/18/2023 | ND              | 2.17 | 109        | 2.00          | 0.980 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/18/2023 | ND              | 7.00 | 117        | 6.00          | 0.643 |           |
| Total BTEx     | <0.300 | 0.300           | 08/18/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 688    | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 194 | 97.1       | 200           | 5.14 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 195 | 97.3       | 200           | 3.53 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 88 (4.25') (H234515-08)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.11 | 106        | 2.00          | 1.71  |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.17 | 109        | 2.00          | 1.27  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.17 | 109        | 2.00          | 0.980 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 7.00 | 117        | 6.00          | 0.643 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 208    | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 194 | 97.1       | 200           | 5.14 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 195 | 97.3       | 200           | 3.53 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 89 (4.25') (H234515-09)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.11 | 106        | 2.00          | 1.71  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.17 | 109        | 2.00          | 1.27  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.17 | 109        | 2.00          | 0.980 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 7.00 | 117        | 6.00          | 0.643 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 4800   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 194 | 97.1       | 200           | 5.14 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 195 | 97.3       | 200           | 3.53 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 90 (4.25') (H234515-10)**

| BTX 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           | 08/19/2023 | ND              | 2.11 | 106        | 2.00          | 1.71  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.17 | 109        | 2.00          | 1.27  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.17 | 109        | 2.00          | 0.980 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 7.00 | 117        | 6.00          | 0.643 |           |  |
| Total BTX      | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 2120   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 194 | 97.1       | 200           | 5.14 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 195 | 97.3       | 200           | 3.53 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 91 (4.25') (H234515-11)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.11 | 106        | 2.00          | 1.71  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.17 | 109        | 2.00          | 1.27  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.17 | 109        | 2.00          | 0.980 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 7.00 | 117        | 6.00          | 0.643 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 544    | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 194 | 97.1       | 200           | 5.14 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 195 | 97.3       | 200           | 3.53 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 92 (4.25') (H234515-12)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 1.98 | 99.2       | 2.00          | 3.84 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 8.07 | QM-07     |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.56 | 109        | 6.00          | 7.29 | QM-07     |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 5360   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 194 | 97.1       | 200           | 5.14 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 195 | 97.3       | 200           | 3.53 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 93 (4.25') (H234515-13)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 1.98 | 99.2       | 2.00          | 3.84 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 8.07 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.56 | 109        | 6.00          | 7.29 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 944    | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 194 | 97.1       | 200           | 5.14 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 195 | 97.3       | 200           | 3.53 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 94 (4.25') (H234515-14)**

| BTX 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           | 08/19/2023 | ND              | 1.98 | 99.2       | 2.00          | 3.84 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.85 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 8.07 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.56 | 109        | 6.00          | 7.29 |           |  |
| Total BTX      | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 384    | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 194 | 97.1       | 200           | 5.14 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 195 | 97.3       | 200           | 3.53 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 95 (4.25') (H234515-15)**

| 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           | 08/19/2023 | ND              | 1.98 | 99.2       | 2.00          | 3.84 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 8.07 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.56 | 109        | 6.00          | 7.29 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 320    | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 194 | 97.1       | 200           | 5.14 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 195 | 97.3       | 200           | 3.53 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 96 (4.25') (H234515-16)**

| 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           | 08/19/2023 | ND              | 1.98 | 99.2       | 2.00          | 3.84 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 8.07 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.56 | 109        | 6.00          | 7.29 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 176    | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 194 | 97.1       | 200           | 5.14 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 195 | 97.3       | 200           | 3.53 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 97 (4.25') (H234515-17)**

| 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           | 08/19/2023 | ND              | 1.98 | 99.2       | 2.00          | 3.84 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.85 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 8.07 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.56 | 109        | 6.00          | 7.29 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 1170   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 194 | 97.1       | 200           | 5.14 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 195 | 97.3       | 200           | 3.53 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 98 (4.25') (H234515-18)**

| 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           | 08/19/2023 | ND              | 1.98 | 99.2       | 2.00          | 3.84 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.85 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 8.07 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.56 | 109        | 6.00          | 7.29 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 4160   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 194 | 97.1       | 200           | 5.14 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 195 | 97.3       | 200           | 3.53 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 99 (4.25') (H234515-19)**

| 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           | 08/19/2023 | ND              | 1.98 | 99.2       | 2.00          | 3.84 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 8.07 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.56 | 109        | 6.00          | 7.29 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 6320   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 194 | 97.1       | 200           | 5.14 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 195 | 97.3       | 200           | 3.53 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 100 (4.25') (H234515-20)**

| 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           | 08/19/2023 | ND              | 1.98 | 99.2       | 2.00          | 3.84 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.85 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 8.07 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.56 | 109        | 6.00          | 7.29 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 5360   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 194 | 97.1       | 200           | 5.14 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 195 | 97.3       | 200           | 3.53 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 101 (4.5') (H234515-21)**

| 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           | 08/19/2023 | ND              | 1.98 | 99.2       | 2.00          | 3.84 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 8.07 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.56 | 109        | 6.00          | 7.29 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 4240   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/18/2023 | ND              | 212 | 106        | 200           | 1.97 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/18/2023 | ND              | 233 | 116        | 200           | 6.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/18/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 102 (4.5') (H234515-22)**

| 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           | 08/19/2023 | ND              | 1.98 | 99.2       | 2.00          | 3.84 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.85 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 8.07 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.56 | 109        | 6.00          | 7.29 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 5680   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 212 | 106        | 200           | 1.97 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 233 | 116        | 200           | 6.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 103 (4.5') (H234515-23)**

| 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           | 08/19/2023 | ND              | 1.98 | 99.2       | 2.00          | 3.84 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 8.07 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.56 | 109        | 6.00          | 7.29 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 5760   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 212 | 106        | 200           | 1.97 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 233 | 116        | 200           | 6.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 104 (4.5') (H234515-24)**

| 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           | 08/19/2023 | ND              | 1.98 | 99.2       | 2.00          | 3.84 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 8.07 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.56 | 109        | 6.00          | 7.29 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 832    | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 212 | 106        | 200           | 1.97 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 233 | 116        | 200           | 6.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 105 (4.5') (H234515-25)**

| 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           | 08/19/2023 | ND              | 1.98 | 99.2       | 2.00          | 3.84 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.85 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 8.07 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.56 | 109        | 6.00          | 7.29 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 688    | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 212 | 106        | 200           | 1.97 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 233 | 116        | 200           | 6.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 106 (4.5') (H234515-26)**

| 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           | 08/19/2023 | ND              | 1.98 | 99.2       | 2.00          | 3.84 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 8.07 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.56 | 109        | 6.00          | 7.29 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 2600   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 212 | 106        | 200           | 1.97 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 233 | 116        | 200           | 6.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 107 (4.25') (H234515-27)**

| 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           | 08/19/2023 | ND              | 1.98 | 99.2       | 2.00          | 3.84 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 8.07 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.56 | 109        | 6.00          | 7.29 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 416    | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 212 | 106        | 200           | 1.97 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 233 | 116        | 200           | 6.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 108 (4.25') (H234515-28)**

| 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           | 08/19/2023 | ND              | 1.98 | 99.2       | 2.00          | 3.84 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 8.07 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.56 | 109        | 6.00          | 7.29 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 6000   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 212 | 106        | 200           | 1.97 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 233 | 116        | 200           | 6.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 109 (4.25') (H234515-29)**

| 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           | 08/19/2023 | ND              | 1.98 | 99.2       | 2.00          | 3.84 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 8.07 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.56 | 109        | 6.00          | 7.29 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 784    | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 212 | 106        | 200           | 1.97 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 233 | 116        | 200           | 6.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 110 (4.25') (H234515-30)**

| 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           | 08/19/2023 | ND              | 1.98 | 99.2       | 2.00          | 3.84 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 8.07 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.56 | 109        | 6.00          | 7.29 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 256    | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 212 | 106        | 200           | 1.97 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 233 | 116        | 200           | 6.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 111 (4.25') (H234515-31)**

| 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           | 08/19/2023 | ND              | 1.98 | 99.2       | 2.00          | 3.84 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.85 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 8.07 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.56 | 109        | 6.00          | 7.29 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 3720   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 212 | 106        | 200           | 1.97 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 233 | 116        | 200           | 6.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 112 (4.25') (H234515-32)**

| 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           | 08/19/2023 | ND              | 1.98 | 98.8       | 2.00          | 1.21  |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.14 | 107        | 2.00          | 0.784 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.19 | 109        | 2.00          | 0.957 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.57 | 110        | 6.00          | 0.441 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 3240   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 212 | 106        | 200           | 1.97 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 233 | 116        | 200           | 6.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 113 (4.25') (H234515-33)**

| 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           | 08/19/2023 | ND              | 1.98 | 98.8       | 2.00          | 1.21  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.14 | 107        | 2.00          | 0.784 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.19 | 109        | 2.00          | 0.957 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.57 | 110        | 6.00          | 0.441 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 1440   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 212 | 106        | 200           | 1.97 |           |
| DRO >C10-C28*    | 13.4   | 10.0            | 08/19/2023 | ND              | 233 | 116        | 200           | 6.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 114 (4.25') (H234515-34)**

| 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           | 08/19/2023 | ND              | 1.98 | 98.8       | 2.00          | 1.21  |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.14 | 107        | 2.00          | 0.784 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.19 | 109        | 2.00          | 0.957 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.57 | 110        | 6.00          | 0.441 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 2280   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 212 | 106        | 200           | 1.97 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 233 | 116        | 200           | 6.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 115 (4.25') (H234515-35)**

| 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           | 08/19/2023 | ND              | 1.98 | 98.8       | 2.00          | 1.21  |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.14 | 107        | 2.00          | 0.784 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.19 | 109        | 2.00          | 0.957 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.57 | 110        | 6.00          | 0.441 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 2280   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 212 | 106        | 200           | 1.97 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 233 | 116        | 200           | 6.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
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Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 116 (4.25') (H234515-36)**

| 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           | 08/19/2023 | ND              | 1.98 | 98.8       | 2.00          | 1.21  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.14 | 107        | 2.00          | 0.784 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.19 | 109        | 2.00          | 0.957 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.57 | 110        | 6.00          | 0.441 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 2440   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 212 | 106        | 200           | 1.97 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 233 | 116        | 200           | 6.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 117 (4.25') (H234515-37)**

| 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           | 08/19/2023 | ND              | 1.98 | 98.8       | 2.00          | 1.21  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.14 | 107        | 2.00          | 0.784 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.19 | 109        | 2.00          | 0.957 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.57 | 110        | 6.00          | 0.441 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 3280   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 212 | 106        | 200           | 1.97 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 233 | 116        | 200           | 6.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 118 (4.5') (H234515-38)**

| 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           | 08/19/2023 | ND              | 1.98 | 98.8       | 2.00          | 1.21  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.14 | 107        | 2.00          | 0.784 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.19 | 109        | 2.00          | 0.957 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.57 | 110        | 6.00          | 0.441 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 320    | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 212 | 106        | 200           | 1.97 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 233 | 116        | 200           | 6.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 119 (4.5') (H234515-39)**

| 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           | 08/19/2023 | ND              | 1.98 | 98.8       | 2.00          | 1.21  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.14 | 107        | 2.00          | 0.784 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.19 | 109        | 2.00          | 0.957 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.57 | 110        | 6.00          | 0.441 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 928    | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 212 | 106        | 200           | 1.97 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 233 | 116        | 200           | 6.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 120 (4.5') (H234515-40)**

| 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           | 08/19/2023 | ND              | 1.98 | 98.8       | 2.00          | 1.21  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.14 | 107        | 2.00          | 0.784 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.19 | 109        | 2.00          | 0.957 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.57 | 110        | 6.00          | 0.441 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 80.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 212 | 106        | 200           | 1.97 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 233 | 116        | 200           | 6.67 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 121 (1.5') (H234515-41)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 1.98 | 98.8       | 2.00          | 1.21  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.14 | 107        | 2.00          | 0.784 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.19 | 109        | 2.00          | 0.957 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.57 | 110        | 6.00          | 0.441 |           |  |
| Total BTX      | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 80.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/18/2023 | ND              | 202 | 101        | 200           | 1.91 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/18/2023 | ND              | 234 | 117        | 200           | 5.88 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/18/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 122 (1.5') (H234515-42)**

| 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           | 08/19/2023 | ND              | 1.98 | 98.8       | 2.00          | 1.21  |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.14 | 107        | 2.00          | 0.784 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.19 | 109        | 2.00          | 0.957 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.57 | 110        | 6.00          | 0.441 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 80.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 202 | 101        | 200           | 1.91 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 234 | 117        | 200           | 5.88 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 123 (4.5') (H234515-43)**

| 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           | 08/19/2023 | ND              | 1.98 | 98.8       | 2.00          | 1.21  |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.14 | 107        | 2.00          | 0.784 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.19 | 109        | 2.00          | 0.957 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.57 | 110        | 6.00          | 0.441 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 202 | 101        | 200           | 1.91 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 234 | 117        | 200           | 5.88 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 124 (4.5') (H234515-44)**

| 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           | 08/19/2023 | ND              | 1.98 | 98.8       | 2.00          | 1.21  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.14 | 107        | 2.00          | 0.784 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.19 | 109        | 2.00          | 0.957 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.57 | 110        | 6.00          | 0.441 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 48.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 202 | 101        | 200           | 1.91 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 234 | 117        | 200           | 5.88 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 125 (4.5') (H234515-45)**

| BTX 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           | 08/19/2023 | ND              | 1.98 | 98.8       | 2.00          | 1.21  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.14 | 107        | 2.00          | 0.784 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.19 | 109        | 2.00          | 0.957 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.57 | 110        | 6.00          | 0.441 |           |  |
| Total BTX      | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 202 | 101        | 200           | 1.91 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 234 | 117        | 200           | 5.88 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 126 (4.5') (H234515-46)**

| 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           | 08/19/2023 | ND              | 1.98 | 98.8       | 2.00          | 1.21  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.14 | 107        | 2.00          | 0.784 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.19 | 109        | 2.00          | 0.957 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.57 | 110        | 6.00          | 0.441 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 384    | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 202 | 101        | 200           | 1.91 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 234 | 117        | 200           | 5.88 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 127 (4.5') (H234515-47)**

| 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           | 08/19/2023 | ND              | 1.98 | 98.8       | 2.00          | 1.21  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.14 | 107        | 2.00          | 0.784 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.19 | 109        | 2.00          | 0.957 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.57 | 110        | 6.00          | 0.441 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 202 | 101        | 200           | 1.91 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 234 | 117        | 200           | 5.88 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 128 (4.5') (H234515-48)**

| 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           | 08/19/2023 | ND              | 1.98 | 98.8       | 2.00          | 1.21  |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.14 | 107        | 2.00          | 0.784 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.19 | 109        | 2.00          | 0.957 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.57 | 110        | 6.00          | 0.441 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 48.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 202 | 101        | 200           | 1.91 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 234 | 117        | 200           | 5.88 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 129 (4.5') (H234515-49)**

| 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           | 08/19/2023 | ND              | 1.98 | 98.8       | 2.00          | 1.21  |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.14 | 107        | 2.00          | 0.784 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.19 | 109        | 2.00          | 0.957 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.57 | 110        | 6.00          | 0.441 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 48.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 202 | 101        | 200           | 1.91 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 234 | 117        | 200           | 5.88 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 130 (4.5') (H234515-50)**

| 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           | 08/19/2023 | ND              | 1.98 | 98.8       | 2.00          | 1.21  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.14 | 107        | 2.00          | 0.784 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.19 | 109        | 2.00          | 0.957 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.57 | 110        | 6.00          | 0.441 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 80.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 202 | 101        | 200           | 1.91 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 234 | 117        | 200           | 5.88 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 131 (4.0') (H234515-51)**

| 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           | 08/19/2023 | ND              | 1.98 | 98.8       | 2.00          | 1.21  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.14 | 107        | 2.00          | 0.784 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.19 | 109        | 2.00          | 0.957 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.57 | 110        | 6.00          | 0.441 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 202 | 101        | 200           | 1.91 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 234 | 117        | 200           | 5.88 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 132 (4.0') (H234515-52)**

| 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           | 08/19/2023 | ND               | 1.96 | 98.1       | 2.00          | 0.750 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.86 | 93.2       | 2.00          | 0.485 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND               | 1.94 | 97.2       | 2.00          | 1.56  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND               | 5.78 | 96.3       | 6.00          | 0.602 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 224    | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 202 | 101        | 200           | 1.91 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 234 | 117        | 200           | 5.88 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 133 (4.0') (H234515-53)**

| 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           | 08/19/2023 | ND               | 1.96 | 98.1       | 2.00          | 0.750 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.86 | 93.2       | 2.00          | 0.485 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND               | 1.94 | 97.2       | 2.00          | 1.56  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND               | 5.78 | 96.3       | 6.00          | 0.602 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 176    | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 202 | 101        | 200           | 1.91 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 234 | 117        | 200           | 5.88 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 70.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 134 (4.0') (H234515-54)**

| 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           | 08/19/2023 | ND               | 1.96 | 98.1       | 2.00          | 0.750 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.86 | 93.2       | 2.00          | 0.485 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND               | 1.94 | 97.2       | 2.00          | 1.56  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND               | 5.78 | 96.3       | 6.00          | 0.602 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 144    | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 202 | 101        | 200           | 1.91 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 234 | 117        | 200           | 5.88 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 135 (4.0') (H234515-55)**

| 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           | 08/19/2023 | ND               | 1.96 | 98.1       | 2.00          | 0.750 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.86 | 93.2       | 2.00          | 0.485 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND               | 1.94 | 97.2       | 2.00          | 1.56  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND               | 5.78 | 96.3       | 6.00          | 0.602 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 202 | 101        | 200           | 1.91 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 234 | 117        | 200           | 5.88 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 136 (4.0') (H234515-56)**

| 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           | 08/19/2023 | ND               | 1.96 | 98.1       | 2.00          | 0.750 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.86 | 93.2       | 2.00          | 0.485 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND               | 1.94 | 97.2       | 2.00          | 1.56  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND               | 5.78 | 96.3       | 6.00          | 0.602 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 96.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 202 | 101        | 200           | 1.91 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 234 | 117        | 200           | 5.88 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 137 (1.5') (H234515-57)**

| 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           | 08/19/2023 | ND               | 1.96 | 98.1       | 2.00          | 0.750 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.86 | 93.2       | 2.00          | 0.485 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND               | 1.94 | 97.2       | 2.00          | 1.56  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND               | 5.78 | 96.3       | 6.00          | 0.602 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 48.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 202 | 101        | 200           | 1.91 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 234 | 117        | 200           | 5.88 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 138 (1.5') (H234515-58)**

| 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           | 08/19/2023 | ND               | 1.96 | 98.1       | 2.00          | 0.750 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.86 | 93.2       | 2.00          | 0.485 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND               | 1.94 | 97.2       | 2.00          | 1.56  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND               | 5.78 | 96.3       | 6.00          | 0.602 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 202 | 101        | 200           | 1.91 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 234 | 117        | 200           | 5.88 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 139 (4.0') (H234515-59)**

| 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           | 08/19/2023 | ND               | 1.96 | 98.1       | 2.00          | 0.750 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.86 | 93.2       | 2.00          | 0.485 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND               | 1.94 | 97.2       | 2.00          | 1.56  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND               | 5.78 | 96.3       | 6.00          | 0.602 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 202 | 101        | 200           | 1.91 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 234 | 117        | 200           | 5.88 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 140 (4.0') (H234515-60)**

| 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           | 08/19/2023 | ND               | 1.96 | 98.1       | 2.00          | 0.750 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.86 | 93.2       | 2.00          | 0.485 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND               | 1.94 | 97.2       | 2.00          | 1.56  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND               | 5.78 | 96.3       | 6.00          | 0.602 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/19/2023 | ND              | 202 | 101        | 200           | 1.91 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 234 | 117        | 200           | 5.88 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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### 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 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<br>Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "C. D. Keene".

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Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: A234515

Page 1 of 14

|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                           |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <input type="checkbox"/>        |  |
| State of Project:                                                                                                                                                             |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                              |  |

|                       |                                                                     |                                                                     |                                  |                                                                     |            |                  |   |   |   |  |  |  |  |  |  |  |  |                    |                 |
|-----------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------|------------|------------------|---|---|---|--|--|--|--|--|--|--|--|--------------------|-----------------|
| Project Name:         | Antero New Riser Spill (06.11.23)                                   |                                                                     | Turn Around                      |                                                                     | Pres. Code | ANALYSIS REQUEST |   |   |   |  |  |  |  |  |  |  |  | Preservative Codes |                 |
| Project Number:       | 2054                                                                |                                                                     | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush                            |            |                  |   |   |   |  |  |  |  |  |  |  |  |                    |                 |
| Project Location      | Lea County, New Mexico                                              |                                                                     | Due Date:                        | 24 Hours                                                            |            |                  |   |   |   |  |  |  |  |  |  |  |  |                    |                 |
| Sampler's Name:       | MM                                                                  |                                                                     |                                  |                                                                     |            |                  |   |   |   |  |  |  |  |  |  |  |  |                    |                 |
| PO #:                 |                                                                     |                                                                     |                                  |                                                                     |            |                  |   |   |   |  |  |  |  |  |  |  |  |                    |                 |
| SAMPLE RECEIPT        | Temp Blank:                                                         | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:                         | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |            |                  |   |   |   |  |  |  |  |  |  |  |  |                    |                 |
| Received In tact:     | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID:                                                     |                                  |                                                                     |            |                  |   |   |   |  |  |  |  |  |  |  |  |                    |                 |
| Cooler Custody Seal:  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor:                                                  |                                  |                                                                     |            |                  |   |   |   |  |  |  |  |  |  |  |  |                    |                 |
| Sample Custody Seal:  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Temperature Reading:                                                | 4.92                             |                                                                     |            |                  |   |   |   |  |  |  |  |  |  |  |  |                    |                 |
| Total Containers:     |                                                                     |                                                                     | Corrected Temperature:           |                                                                     |            |                  |   |   |   |  |  |  |  |  |  |  |  |                    |                 |
| Sample Identification | Date                                                                | Time                                                                | Soil                             | Water                                                               | Grab/Comp  | # of Cont        |   |   |   |  |  |  |  |  |  |  |  |                    | Sample Comments |
| CS-81 (4.25)          | 8/18/2023                                                           |                                                                     | X                                |                                                                     | Comp       | 1                | X | X | X |  |  |  |  |  |  |  |  |                    |                 |
| CS-82 (4.25)          | 8/18/2023                                                           |                                                                     | X                                |                                                                     | Comp       | 1                | X | X | X |  |  |  |  |  |  |  |  |                    |                 |
| CS-83 (4.25)          | 8/18/2023                                                           |                                                                     | X                                |                                                                     | Comp       | 1                | X | X | X |  |  |  |  |  |  |  |  |                    |                 |
| CS-84 (4.25)          | 8/18/2023                                                           |                                                                     | X                                |                                                                     | Comp       | 1                | X | X | X |  |  |  |  |  |  |  |  |                    |                 |
| CS-85 (4.25)          | 8/18/2023                                                           |                                                                     | X                                |                                                                     | Comp       | 1                | X | X | X |  |  |  |  |  |  |  |  |                    |                 |
| CS-86 (4.25)          | 8/18/2023                                                           |                                                                     | X                                |                                                                     | Comp       | 1                | X | X | X |  |  |  |  |  |  |  |  |                    |                 |
| CS-87 (4.25)          | 8/18/2023                                                           |                                                                     | X                                |                                                                     | Comp       | 1                | X | X | X |  |  |  |  |  |  |  |  |                    |                 |
| CS-88 (4.25)          | 8/18/2023                                                           |                                                                     | X                                |                                                                     | Comp       | 1                | X | X | X |  |  |  |  |  |  |  |  |                    |                 |
| CS-89 (4.25)          | 8/18/2023                                                           |                                                                     | X                                |                                                                     | Comp       | 1                | X | X | X |  |  |  |  |  |  |  |  |                    |                 |
| CS-90 (4.25)          | 8/18/2023                                                           |                                                                     | X                                |                                                                     | Comp       | 1                | X | X | X |  |  |  |  |  |  |  |  |                    |                 |

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

|                              |              |                          |           |
|------------------------------|--------------|--------------------------|-----------|
| Relinquished by: (Signature) | Date/Time    | Received by: (Signature) | Date/Time |
| <u>James Kennedy</u>         | 8-18-23 1640 | <u>James Kennedy</u>     |           |



Chain of Custody

Work Order No: 14234515

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|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                           |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Iperfund <input type="checkbox"/>     |  |
| State of Project:                                                                                                                                                             |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                              |  |

|                       |                                                                     |                                                                     |                                                                           |                                                                     |                                                                     |                                                                     |   |   |   |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                  |
|-----------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|---|---|---|--|--|--|--|--|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project Name:         | Antero New Riser Spill (06.11.23)                                   | Turn Around                                                         | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | Pres. Code                                                          | ANALYSIS REQUEST                                                    |                                                                     |   |   |   |  |  |  |  |  |  |  | Preservative Codes                                                                                                                                                                                                                                                               |
| Project Number:       | 2054                                                                | Due Date:                                                           | 24 Hours                                                                  |                                                                     |                                                                     |                                                                     |   |   |   |  |  |  |  |  |  |  | None: NO<br>Cool: Cool<br>HCL: HC<br>H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub><br>H <sub>3</sub> PO <sub>4</sub> : HP<br>NaHSO <sub>4</sub> : NABIS<br>Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub><br>Zn Acetate+NaOH: Zn<br>NaOH+Ascorbic Acid: SPC |
| Project Location:     | Lea County, New Mexico                                              |                                                                     |                                                                           |                                                                     |                                                                     |                                                                     |   |   |   |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                  |
| Sampler's Name:       | MM                                                                  |                                                                     |                                                                           |                                                                     |                                                                     |                                                                     |   |   |   |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                  |
| PO #:                 |                                                                     |                                                                     |                                                                           |                                                                     |                                                                     |                                                                     |   |   |   |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                  |
| SAMPLE RECEIPT        | Temp Blank:                                                         | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID:                                                           | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Well Ice:                                                           | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |   |   |   |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                  |
| Received In tact:     | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor:                                                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>       | Temperature Reading:                                                | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Corrected Temperature:                                              |   |   |   |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                  |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |                                                                     |                                                                           |                                                                     |                                                                     |                                                                     |   |   |   |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                  |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |                                                                     |                                                                           |                                                                     |                                                                     |                                                                     |   |   |   |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                  |
| Total Containers:     |                                                                     |                                                                     |                                                                           |                                                                     |                                                                     |                                                                     |   |   |   |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                  |
| Sample Identification | Date                                                                | Time                                                                | Soil                                                                      | Water                                                               | Grab/Comp                                                           | # of Cont                                                           |   |   |   |  |  |  |  |  |  |  | Sample Comments                                                                                                                                                                                                                                                                  |
| CS-91 (4.25)          | 8/18/2023                                                           |                                                                     | X                                                                         |                                                                     | Comp                                                                | 1                                                                   | X | X | X |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                  |
| CS-92 (4.25)          | 8/18/2023                                                           |                                                                     | X                                                                         |                                                                     | Comp                                                                | 1                                                                   | X | X | X |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                  |
| CS-93 (4.25)          | 8/18/2023                                                           |                                                                     | X                                                                         |                                                                     | Comp                                                                | 1                                                                   | X | X | X |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                  |
| CS-94 (4.25)          | 8/18/2023                                                           |                                                                     | X                                                                         |                                                                     | Comp                                                                | 1                                                                   | X | X | X |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                  |
| CS-95 (4.25)          | 8/18/2023                                                           |                                                                     | X                                                                         |                                                                     | Comp                                                                | 1                                                                   | X | X | X |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                  |
| CS-96 (4.25)          | 8/18/2023                                                           |                                                                     | X                                                                         |                                                                     | Comp                                                                | 1                                                                   | X | X | X |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                  |
| CS-97 (4.25)          | 8/18/2023                                                           |                                                                     | X                                                                         |                                                                     | Comp                                                                | 1                                                                   | X | X | X |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                  |
| CS-98 (4.25)          | 8/18/2023                                                           |                                                                     | X                                                                         |                                                                     | Comp                                                                | 1                                                                   | X | X | X |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                  |
| CS-99 (4.25)          | 8/18/2023                                                           |                                                                     | X                                                                         |                                                                     | Comp                                                                | 1                                                                   | X | X | X |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                  |
| CS-100 (4.25)         | 8/18/2023                                                           |                                                                     | X                                                                         |                                                                     | Comp                                                                | 1                                                                   | X | X | X |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                  |

Comments: Email to Mike Carmona / Mccarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

|                              |              |                          |           |
|------------------------------|--------------|--------------------------|-----------|
| Relinquished by: (Signature) | Date/Time    | Received by: (Signature) | Date/Time |
| <u>James Kennedy</u>         | 8-18-23 1640 | <u>James Kennedy</u>     |           |



H234515

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| Work Order Comments |                          |                              |                                      |                             |                                    |                          |                          |                          |                          |
|---------------------|--------------------------|------------------------------|--------------------------------------|-----------------------------|------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Program:            | UST/ST                   | <input type="checkbox"/> PRP | <input type="checkbox"/> Brownfields | <input type="checkbox"/> RC | <input type="checkbox"/> Superfund | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| State of Project:   |                          |                              |                                      |                             |                                    |                          |                          |                          |                          |
| Reporting Level II  | <input type="checkbox"/> | Level III                    | <input type="checkbox"/>             | ST/UST                      | <input type="checkbox"/>           | RRP                      | <input type="checkbox"/> | Level IV                 | <input type="checkbox"/> |
| Deliverables:       | EDD                      | <input type="checkbox"/>     | Adapt                                | <input type="checkbox"/>    | Other:                             |                          |                          |                          |                          |

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Comments: Email to Mike Carmona / [Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com) and Conner Moehring / [Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)

Date/Time

Rel *[Signature]*

Date/Time 8-18-23 1640

Received by (Signature)



Chain of Custody

Work Order No: H234515

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|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                           |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Superfund <input type="checkbox"/>    |  |
| State of Project:                                                                                                                                                             |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                              |  |

|                       |                                                                         |                                                                     |                                                                           |                                                                     |                  |           |   |   |   |  |  |  |  |  |  |  |                                                                   |                            |                 |
|-----------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------|------------------|-----------|---|---|---|--|--|--|--|--|--|--|-------------------------------------------------------------------|----------------------------|-----------------|
| Project Name:         | Antero New Riser Spill (06.11.23)                                       | Turn Around                                                         | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | Pres. Code                                                          | ANALYSIS REQUEST |           |   |   |   |  |  |  |  |  |  |  | Preservative Codes                                                |                            |                 |
| Project Number:       | 2054                                                                    | Due Date:                                                           | 24 Hours                                                                  |                                                                     |                  |           |   |   |   |  |  |  |  |  |  |  | None: NO                                                          | DI Water: H <sub>2</sub> O |                 |
| Project Location:     | Lea County, New Mexico                                                  |                                                                     |                                                                           |                                                                     |                  |           |   |   |   |  |  |  |  |  |  |  | Cool: Cool                                                        | MeOH: Me                   |                 |
| Sampler's Name:       | MM                                                                      |                                                                     |                                                                           |                                                                     |                  |           |   |   |   |  |  |  |  |  |  |  | HCL: HC                                                           | HNO <sub>3</sub> : HN      |                 |
| PO #:                 |                                                                         |                                                                     |                                                                           |                                                                     |                  |           |   |   |   |  |  |  |  |  |  |  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>                   | NaOH: Na                   |                 |
| SAMPLE RECEIPT        | Temp Blank:                                                             | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:                                                                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |                  |           |   |   |   |  |  |  |  |  |  |  | H <sub>3</sub> PO <sub>4</sub> : HP                               |                            |                 |
| Received Intact:      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>     | Thermometer ID:                                                     |                                                                           |                                                                     |                  |           |   |   |   |  |  |  |  |  |  |  | NaHSO <sub>4</sub> : NABIS                                        |                            |                 |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Correction Factor:                                                  |                                                                           |                                                                     |                  |           |   |   |   |  |  |  |  |  |  |  | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |                            |                 |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Temperature Reading:                                                |                                                                           |                                                                     |                  |           |   |   |   |  |  |  |  |  |  |  | Zn Acetate+NaOH: Zn                                               |                            |                 |
| Total Containers:     |                                                                         | Corrected Temperature:                                              |                                                                           |                                                                     |                  |           |   |   |   |  |  |  |  |  |  |  | NaOH+Ascorbic Acid: S-APC                                         |                            |                 |
| Sample Identification | Date                                                                    | Time                                                                | Soil                                                                      | Water                                                               | Grab/Comp        | # of Cont |   |   |   |  |  |  |  |  |  |  |                                                                   |                            | Sample Comments |
| CS-111 (4.25)         | 8/18/2023                                                               |                                                                     | X                                                                         |                                                                     | Comp             | 1         | X | X | X |  |  |  |  |  |  |  |                                                                   |                            |                 |
| CS-112 (4.25)         | 8/18/2023                                                               |                                                                     | X                                                                         |                                                                     | Comp             | 1         | X | X | X |  |  |  |  |  |  |  |                                                                   |                            |                 |
| CS-113 (4.25)         | 8/18/2023                                                               |                                                                     | X                                                                         |                                                                     | Comp             | 1         | X | X | X |  |  |  |  |  |  |  |                                                                   |                            |                 |
| CS-114 (4.25)         | 8/18/2023                                                               |                                                                     | X                                                                         |                                                                     | Comp             | 1         | X | X | X |  |  |  |  |  |  |  |                                                                   |                            |                 |
| CS-115 (4.25)         | 8/18/2023                                                               |                                                                     | X                                                                         |                                                                     | Comp             | 1         | X | X | X |  |  |  |  |  |  |  |                                                                   |                            |                 |
| CS-116 (4.25)         | 8/18/2023                                                               |                                                                     | X                                                                         |                                                                     | Comp             | 1         | X | X | X |  |  |  |  |  |  |  |                                                                   |                            |                 |
| CS-117 (4.25)         | 8/18/2023                                                               |                                                                     | X                                                                         |                                                                     | Comp             | 1         | X | X | X |  |  |  |  |  |  |  |                                                                   |                            |                 |
| CS-118 (4.5)          | 8/18/2023                                                               |                                                                     | X                                                                         |                                                                     | Comp             | 1         | X | X | X |  |  |  |  |  |  |  |                                                                   |                            |                 |
| CS-119 (4.5)          | 8/18/2023                                                               |                                                                     | X                                                                         |                                                                     | Comp             | 1         | X | X | X |  |  |  |  |  |  |  |                                                                   |                            |                 |
| CS-120 (4.5)          | 8/18/2023                                                               |                                                                     | X                                                                         |                                                                     | Comp             | 1         | X | X | X |  |  |  |  |  |  |  |                                                                   |                            |                 |

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

|                                                                                   |              |                                                                                     |           |
|-----------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|-----------|
| Relinquished by: (Signature)                                                      | Date/Time    | Received by: (Signature)                                                            | Date/Time |
|  | 8-18-23 1648 |  |           |



Chain of Custody

Work Order No: H234515

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|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                                                       |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                                                   |  |
| Program: UST/PST <input type="checkbox"/> RRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RRC <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| State of Project:                                                                                                                                                                                     |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>                         |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                                                      |  |

|                       |                                                                     |                                                                     |                                                                           |                                                                     |                  |           |   |   |   |  |  |  |  |  |  |  |                                                                   |                            |                 |
|-----------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------|------------------|-----------|---|---|---|--|--|--|--|--|--|--|-------------------------------------------------------------------|----------------------------|-----------------|
| Project Name:         | Antero New Riser Spill (06.11.23)                                   |                                                                     | Turn Around                                                               | Pres. Code                                                          | ANALYSIS REQUEST |           |   |   |   |  |  |  |  |  |  |  | Preservative Codes                                                |                            |                 |
| Project Number:       | 2054                                                                |                                                                     | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush |                                                                     |                  |           |   |   |   |  |  |  |  |  |  |  | None: NO                                                          | DI Water: H <sub>2</sub> O |                 |
| Project Location:     | Lea County, New Mexico                                              |                                                                     | Due Date:                                                                 | 24 Hours                                                            |                  |           |   |   |   |  |  |  |  |  |  |  | Cool: Cool                                                        | MeOH: Me                   |                 |
| Sampler's Name:       | MM                                                                  |                                                                     |                                                                           |                                                                     |                  |           |   |   |   |  |  |  |  |  |  |  | HCL: HC                                                           | HNO <sub>3</sub> : HN      |                 |
| PO #:                 |                                                                     |                                                                     |                                                                           |                                                                     |                  |           |   |   |   |  |  |  |  |  |  |  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>                   | NaOH: Na                   |                 |
| SAMPLE RECEIPT        | Temp Blank:                                                         | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:                                                                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |                  |           |   |   |   |  |  |  |  |  |  |  | H <sub>3</sub> PO <sub>4</sub> : HP                               |                            |                 |
| Received Intact:      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID:                                                     |                                                                           |                                                                     |                  |           |   |   |   |  |  |  |  |  |  |  | NaHSO <sub>4</sub> : NABIS                                        |                            |                 |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor:                                                  |                                                                           |                                                                     |                  |           |   |   |   |  |  |  |  |  |  |  | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |                            |                 |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Temperature Reading:                                                |                                                                           |                                                                     |                  |           |   |   |   |  |  |  |  |  |  |  | Zn Acetate+NaOH: Zn                                               |                            |                 |
| Total Containers:     |                                                                     | Corrected Temperature:                                              |                                                                           |                                                                     |                  |           |   |   |   |  |  |  |  |  |  |  | NaOH+Ascorbic Acid: SPC                                           |                            |                 |
| Sample Identification | Date                                                                | Time                                                                | Soil                                                                      | Water                                                               | Grab/Comp        | # of Cont |   |   |   |  |  |  |  |  |  |  |                                                                   |                            | Sample Comments |
| CS-121 (1.5)          | 8/18/2023                                                           |                                                                     | X                                                                         |                                                                     | Comp             | 1         | X | X | X |  |  |  |  |  |  |  |                                                                   |                            |                 |
| CS-122 (1.5)          | 8/18/2023                                                           |                                                                     | X                                                                         |                                                                     | Comp             | 1         | X | X | X |  |  |  |  |  |  |  |                                                                   |                            |                 |
| CS-123 (4.5)          | 8/18/2023                                                           |                                                                     | X                                                                         |                                                                     | Comp             | 1         | X | X | X |  |  |  |  |  |  |  |                                                                   |                            |                 |
| CS-124 (4.5)          | 8/18/2023                                                           |                                                                     | X                                                                         |                                                                     | Comp             | 1         | X | X | X |  |  |  |  |  |  |  |                                                                   |                            |                 |
| CS-125 (4.5)          | 8/18/2023                                                           |                                                                     | X                                                                         |                                                                     | Comp             | 1         | X | X | X |  |  |  |  |  |  |  |                                                                   |                            |                 |
| CS-126 (4.5)          | 8/18/2023                                                           |                                                                     | X                                                                         |                                                                     | Comp             | 1         | X | X | X |  |  |  |  |  |  |  |                                                                   |                            |                 |
| CS-127 (4.5)          | 8/18/2023                                                           |                                                                     | X                                                                         |                                                                     | Comp             | 1         | X | X | X |  |  |  |  |  |  |  |                                                                   |                            |                 |
| CS-128 (4.5)          | 8/18/2023                                                           |                                                                     | X                                                                         |                                                                     | Comp             | 1         | X | X | X |  |  |  |  |  |  |  |                                                                   |                            |                 |
| CS-129 (4.5)          | 8/18/2023                                                           |                                                                     | X                                                                         |                                                                     | Comp             | 1         | X | X | X |  |  |  |  |  |  |  |                                                                   |                            |                 |
| CS-130 (4.5)          | 8/18/2023                                                           |                                                                     | X                                                                         |                                                                     | Comp             | 1         | X | X | X |  |  |  |  |  |  |  |                                                                   |                            |                 |

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

|                              |              |                          |           |
|------------------------------|--------------|--------------------------|-----------|
| Relinquished by: (Signature) | Date/Time    | Received by: (Signature) | Date/Time |
|                              | 8-18-23 1640 |                          |           |



Chain of Custody

Work Order No:

H234515

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|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
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| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                                                       |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                                                   |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RRC <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| State of Project:                                                                                                                                                                                     |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>                         |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                                                      |  |

|                       |                                                                     |                                                                     |                                  |                                                                     |            |                  |   |   |   |  |  |  |  |  |  |  |  |                                                                   |                            |
|-----------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------|------------|------------------|---|---|---|--|--|--|--|--|--|--|--|-------------------------------------------------------------------|----------------------------|
| Project Name:         | Antero New Riser Spill (06.11.23)                                   |                                                                     | Turn Around                      |                                                                     | Pres. Code | ANALYSIS REQUEST |   |   |   |  |  |  |  |  |  |  |  | Preservative Codes                                                |                            |
| Project Number:       | 2054                                                                |                                                                     | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush                            |            |                  |   |   |   |  |  |  |  |  |  |  |  | None: NO                                                          | DI Water: H <sub>2</sub> O |
| Project Location:     | Lea County, New Mexico                                              |                                                                     | Due Date:                        |                                                                     | 24 Hours   |                  |   |   |   |  |  |  |  |  |  |  |  | Cool: Cool                                                        | MeOH: Me                   |
| Sampler's Name:       | MM                                                                  |                                                                     |                                  |                                                                     |            |                  |   |   |   |  |  |  |  |  |  |  |  | HCL: HC                                                           | HNO <sub>3</sub> : HN      |
| PO #:                 |                                                                     |                                                                     |                                  |                                                                     |            |                  |   |   |   |  |  |  |  |  |  |  |  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>                   | NaOH: Na                   |
| SAMPLE RECEIPT        | Temp Blank:                                                         | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:                         | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |            |                  |   |   |   |  |  |  |  |  |  |  |  | H <sub>3</sub> PO <sub>4</sub> : HP                               |                            |
| Received Intact:      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID:                                                     |                                  |                                                                     |            |                  |   |   |   |  |  |  |  |  |  |  |  | NaHSO <sub>4</sub> : NABIS                                        |                            |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor:                                                  |                                  |                                                                     |            |                  |   |   |   |  |  |  |  |  |  |  |  | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |                            |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Temperature Reading:                                                |                                  |                                                                     | 4.9°C      |                  |   |   |   |  |  |  |  |  |  |  |  | Zn Acetate+NaOH: Zn                                               |                            |
| Total Containers:     |                                                                     | Corrected Temperature:                                              |                                  |                                                                     |            |                  |   |   |   |  |  |  |  |  |  |  |  | NaOH+Ascorbic Acid: SANC                                          |                            |
| Sample Identification | Date                                                                | Time                                                                | Soil                             | Water                                                               | Grab/Comp  | # of Cont        |   |   |   |  |  |  |  |  |  |  |  |                                                                   | Sample Comments            |
| CS-131 (4.0')         | 8/18/2023                                                           |                                                                     | X                                |                                                                     | Comp       | 1                | X | X | X |  |  |  |  |  |  |  |  |                                                                   |                            |
| CS-132 (4.0')         | 8/18/2023                                                           |                                                                     | X                                |                                                                     | Comp       | 1                | X | X | X |  |  |  |  |  |  |  |  |                                                                   |                            |
| CS-133 (4.0')         | 8/18/2023                                                           |                                                                     | X                                |                                                                     | Comp       | 1                | X | X | X |  |  |  |  |  |  |  |  |                                                                   |                            |
| CS-134 (4.0')         | 8/18/2023                                                           |                                                                     | X                                |                                                                     | Comp       | 1                | X | X | X |  |  |  |  |  |  |  |  |                                                                   |                            |
| CS-135 (4.0')         | 8/18/2023                                                           |                                                                     | X                                |                                                                     | Comp       | 1                | X | X | X |  |  |  |  |  |  |  |  |                                                                   |                            |
| CS-136 (4.0')         | 8/18/2023                                                           |                                                                     | X                                |                                                                     | Comp       | 1                | X | X | X |  |  |  |  |  |  |  |  |                                                                   |                            |
| CS-137 (1.5')         | 8/18/2023                                                           |                                                                     | X                                |                                                                     | Comp       | 1                | X | X | X |  |  |  |  |  |  |  |  |                                                                   |                            |
| CS-138 (1.5')         | 8/18/2023                                                           |                                                                     | X                                |                                                                     | Comp       | 1                | X | X | X |  |  |  |  |  |  |  |  |                                                                   |                            |
| CS-139 (4.0')         | 8/18/2023                                                           |                                                                     | X                                |                                                                     | Comp       | 1                | X | X | X |  |  |  |  |  |  |  |  |                                                                   |                            |
| CS-140 (4.0')         | 8/18/2023                                                           |                                                                     | X                                |                                                                     | Comp       | 1                | X | X | X |  |  |  |  |  |  |  |  |                                                                   |                            |

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

|                              |              |                          |           |
|------------------------------|--------------|--------------------------|-----------|
| Relinquished by: (Signature) | Date/Time    | Received by: (Signature) | Date/Time |
| <i>James Kennedy</i>         | 8-18-23 1440 | <i>James Kennedy</i>     |           |



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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August 21, 2023

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: ANTERO NEW RISER SPILL (06.11.23)

Enclosed are the results of analyses for samples received by the laboratory on 08/18/23 16:40.

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/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 141 (4.0') (H234516-01)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.96 | 98.1       | 2.00          | 0.750 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.86 | 93.2       | 2.00          | 0.485 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND               | 1.94 | 97.2       | 2.00          | 1.56  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND               | 5.78 | 96.3       | 6.00          | 0.602 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/19/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/18/2023 | ND              | 182 | 90.9       | 200           | 17.3 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/18/2023 | ND              | 191 | 95.4       | 200           | 14.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/18/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.5 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 142 (4.0') (H234516-02)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.96 | 98.1       | 2.00          | 0.750 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.86 | 93.2       | 2.00          | 0.485 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND               | 1.94 | 97.2       | 2.00          | 1.56  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND               | 5.78 | 96.3       | 6.00          | 0.602 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 64.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 0.00 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 08/18/2023 | ND              | 182 | 90.9       | 200           | 17.3 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/18/2023 | ND              | 191 | 95.4       | 200           | 14.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/18/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 71.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.1 % 49.1-148

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\*=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: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 143 (4.0') (H234516-03)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.96 | 98.1       | 2.00          | 0.750 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.86 | 93.2       | 2.00          | 0.485 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND               | 1.94 | 97.2       | 2.00          | 1.56  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND               | 5.78 | 96.3       | 6.00          | 0.602 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 32.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

| 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            | 08/19/2023 | ND              | 182 | 90.9       | 200           | 17.3 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 191 | 95.4       | 200           | 14.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 144 (4.0') (H234516-04)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.96 | 98.1       | 2.00          | 0.750 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.86 | 93.2       | 2.00          | 0.485 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND               | 1.94 | 97.2       | 2.00          | 1.56  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND               | 5.78 | 96.3       | 6.00          | 0.602 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/19/2023 | ND              | 182 | 90.9       | 200           | 17.3 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 191 | 95.4       | 200           | 14.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 145 (4.0') (H234516-05)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.96 | 98.1       | 2.00          | 0.750 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.86 | 93.2       | 2.00          | 0.485 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND               | 1.94 | 97.2       | 2.00          | 1.56  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND               | 5.78 | 96.3       | 6.00          | 0.602 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 64.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/19/2023 | ND              | 182 | 90.9       | 200           | 17.3 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 191 | 95.4       | 200           | 14.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 146 (4.0') (H234516-06)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.96 | 98.1       | 2.00          | 0.750 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.86 | 93.2       | 2.00          | 0.485 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND               | 1.94 | 97.2       | 2.00          | 1.56  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND               | 5.78 | 96.3       | 6.00          | 0.602 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/19/2023 | ND              | 182 | 90.9       | 200           | 17.3 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 191 | 95.4       | 200           | 14.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 147 (4.0') (H234516-07)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.96 | 98.1       | 2.00          | 0.750 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.86 | 93.2       | 2.00          | 0.485 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND               | 1.94 | 97.2       | 2.00          | 1.56  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND               | 5.78 | 96.3       | 6.00          | 0.602 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND               |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 96.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

| 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            | 08/19/2023 | ND              | 182 | 90.9       | 200           | 17.3 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 191 | 95.4       | 200           | 14.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 148 (2.0') (H234516-08)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.96 | 98.1       | 2.00          | 0.750 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.86 | 93.2       | 2.00          | 0.485 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND               | 1.94 | 97.2       | 2.00          | 1.56  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND               | 5.78 | 96.3       | 6.00          | 0.602 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/19/2023 | ND              | 182 | 90.9       | 200           | 17.3 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 191 | 95.4       | 200           | 14.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 149 (2.0') (H234516-09)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.96 | 98.1       | 2.00          | 0.750 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.86 | 93.2       | 2.00          | 0.485 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND               | 1.94 | 97.2       | 2.00          | 1.56  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND               | 5.78 | 96.3       | 6.00          | 0.602 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/19/2023 | ND              | 182 | 90.9       | 200           | 17.3 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 191 | 95.4       | 200           | 14.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 150 (2.0') (H234516-10)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.96 | 98.1       | 2.00          | 0.750 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.86 | 93.2       | 2.00          | 0.485 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND               | 1.94 | 97.2       | 2.00          | 1.56  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND               | 5.78 | 96.3       | 6.00          | 0.602 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/19/2023 | ND              | 182 | 90.9       | 200           | 17.3 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 191 | 95.4       | 200           | 14.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 151 (2.0') (H234516-11)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.96 | 98.1       | 2.00          | 0.750 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND               | 1.86 | 93.2       | 2.00          | 0.485 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND               | 1.94 | 97.2       | 2.00          | 1.56  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND               | 5.78 | 96.3       | 6.00          | 0.602 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND               |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/19/2023 | ND              | 182 | 90.9       | 200           | 17.3 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 191 | 95.4       | 200           | 14.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 152 (2.0') (H234516-12)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 1.99 | 99.4       | 2.00          | 0.278 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.20 | 110        | 2.00          | 5.02  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.25 | 112        | 2.00          | 6.83  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.77 | 113        | 6.00          | 6.47  |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 160    | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

| 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            | 08/19/2023 | ND              | 182 | 90.9       | 200           | 17.3 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 191 | 95.4       | 200           | 14.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 153 (2.0') (H234516-13)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 1.99 | 99.4       | 2.00          | 0.278 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.20 | 110        | 2.00          | 5.02  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.25 | 112        | 2.00          | 6.83  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.77 | 113        | 6.00          | 6.47  |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/19/2023 | ND              | 182 | 90.9       | 200           | 17.3 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 191 | 95.4       | 200           | 14.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 154 (2.0') (H234516-14)**

| 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           | 08/19/2023 | ND              | 1.99 | 99.4       | 2.00          | 0.278 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.20 | 110        | 2.00          | 5.02  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.25 | 112        | 2.00          | 6.83  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.77 | 113        | 6.00          | 6.47  |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/19/2023 | ND              | 182 | 90.9       | 200           | 17.3 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 191 | 95.4       | 200           | 14.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 155 (2.0') (H234516-15)**

| 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           | 08/19/2023 | ND              | 1.99 | 99.4       | 2.00          | 0.278 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.20 | 110        | 2.00          | 5.02  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.25 | 112        | 2.00          | 6.83  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.77 | 113        | 6.00          | 6.47  |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/19/2023 | ND              | 182 | 90.9       | 200           | 17.3 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 191 | 95.4       | 200           | 14.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 156 (2.0') (H234516-16)**

| 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           | 08/19/2023 | ND              | 1.99 | 99.4       | 2.00          | 0.278 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.20 | 110        | 2.00          | 5.02  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.25 | 112        | 2.00          | 6.83  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.77 | 113        | 6.00          | 6.47  |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/19/2023 | ND              | 182 | 90.9       | 200           | 17.3 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 191 | 95.4       | 200           | 14.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 157 (1.5') (H234516-17)**

| 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           | 08/19/2023 | ND              | 1.99 | 99.4       | 2.00          | 0.278 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.20 | 110        | 2.00          | 5.02  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.25 | 112        | 2.00          | 6.83  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.77 | 113        | 6.00          | 6.47  |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/19/2023 | ND              | 182 | 90.9       | 200           | 17.3 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 191 | 95.4       | 200           | 14.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.3 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 158 (1.5') (H234516-18)**

| 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           | 08/19/2023 | ND              | 1.99 | 99.4       | 2.00          | 0.278 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.20 | 110        | 2.00          | 5.02  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.25 | 112        | 2.00          | 6.83  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.77 | 113        | 6.00          | 6.47  |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/19/2023 | ND              | 182 | 90.9       | 200           | 17.3 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 191 | 95.4       | 200           | 14.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 32 (1.0') (H234516-19)**

| 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           | 08/19/2023 | ND              | 1.99 | 99.4       | 2.00          | 0.278 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.20 | 110        | 2.00          | 5.02  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.25 | 112        | 2.00          | 6.83  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.77 | 113        | 6.00          | 6.47  |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/19/2023 | ND              | 182 | 90.9       | 200           | 17.3 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 191 | 95.4       | 200           | 14.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 74.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 35 (4.25') (H234516-20)**

| 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           | 08/20/2023 | ND              | 1.99 | 99.4       | 2.00          | 0.278 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/20/2023 | ND              | 2.20 | 110        | 2.00          | 5.02  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/20/2023 | ND              | 2.25 | 112        | 2.00          | 6.83  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/20/2023 | ND              | 6.77 | 113        | 6.00          | 6.47  |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/20/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 192    | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/19/2023 | ND              | 182 | 90.9       | 200           | 17.3 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 191 | 95.4       | 200           | 14.2 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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**Analytical Results For:**

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

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 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 36 (4.25') (H234516-21)**

| BTX 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           | 08/20/2023 | ND              | 1.99 | 99.4       | 2.00          | 0.278 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/20/2023 | ND              | 2.20 | 110        | 2.00          | 5.02  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/20/2023 | ND              | 2.25 | 112        | 2.00          | 6.83  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/20/2023 | ND              | 6.77 | 113        | 6.00          | 6.47  |           |  |
| Total BTX      | <0.300 | 0.300           | 08/20/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 80.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/19/2023 | ND              | 205 | 102        | 200           | 6.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 207 | 104        | 200           | 3.84 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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**Analytical Results For:**

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 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 37 (4.25') (H234516-22)**

| 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           | 08/20/2023 | ND              | 1.99 | 99.4       | 2.00          | 0.278 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/20/2023 | ND              | 2.20 | 110        | 2.00          | 5.02  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/20/2023 | ND              | 2.25 | 112        | 2.00          | 6.83  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/20/2023 | ND              | 6.77 | 113        | 6.00          | 6.47  |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/20/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48.0   | 16.0            | 08/21/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/19/2023 | ND              | 205 | 102        | 200           | 6.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 207 | 104        | 200           | 3.84 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 38 (4.5') (H234516-23)**

| 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           | 08/20/2023 | ND              | 1.99 | 99.4       | 2.00          | 0.278 |           |
| Toluene*       | <0.050 | 0.050           | 08/20/2023 | ND              | 2.20 | 110        | 2.00          | 5.02  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/20/2023 | ND              | 2.25 | 112        | 2.00          | 6.83  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/20/2023 | ND              | 6.77 | 113        | 6.00          | 6.47  |           |
| Total BTEx     | <0.300 | 0.300           | 08/20/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 08/21/2023 | 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            | 08/19/2023 | ND              | 205 | 102        | 200           | 6.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 207 | 104        | 200           | 3.84 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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 Fax To:

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 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 39 (4.5') (H234516-24)**

| 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           | 08/20/2023 | ND              | 1.99 | 99.4       | 2.00          | 0.278 |           |
| Toluene*       | <0.050 | 0.050           | 08/20/2023 | ND              | 2.20 | 110        | 2.00          | 5.02  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/20/2023 | ND              | 2.25 | 112        | 2.00          | 6.83  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/20/2023 | ND              | 6.77 | 113        | 6.00          | 6.47  |           |
| Total BTEx     | <0.300 | 0.300           | 08/20/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/21/2023 | 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            | 08/19/2023 | ND              | 205 | 102        | 200           | 6.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 207 | 104        | 200           | 3.84 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 40 (4.5') (H234516-25)**

| 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           | 08/20/2023 | ND              | 1.99 | 99.4       | 2.00          | 0.278 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/20/2023 | ND              | 2.20 | 110        | 2.00          | 5.02  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/20/2023 | ND              | 2.25 | 112        | 2.00          | 6.83  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/20/2023 | ND              | 6.77 | 113        | 6.00          | 6.47  |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/20/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 32.0   | 16.0            | 08/21/2023 | 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            | 08/19/2023 | ND              | 205 | 102        | 200           | 6.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 207 | 104        | 200           | 3.84 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 78.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 41 (4.5') (H234516-26)**

| 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           | 08/20/2023 | ND              | 1.99 | 99.4       | 2.00          | 0.278 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/20/2023 | ND              | 2.20 | 110        | 2.00          | 5.02  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/20/2023 | ND              | 2.25 | 112        | 2.00          | 6.83  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/20/2023 | ND              | 6.77 | 113        | 6.00          | 6.47  |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/20/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 08/21/2023 | 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            | 08/19/2023 | ND              | 205 | 102        | 200           | 6.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 207 | 104        | 200           | 3.84 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 42 (4.25') (H234516-27)**

| 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           | 08/20/2023 | ND              | 1.99 | 99.4       | 2.00          | 0.278 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/20/2023 | ND              | 2.20 | 110        | 2.00          | 5.02  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/20/2023 | ND              | 2.25 | 112        | 2.00          | 6.83  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/20/2023 | ND              | 6.77 | 113        | 6.00          | 6.47  |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/20/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48.0   | 16.0            | 08/21/2023 | 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            | 08/19/2023 | ND              | 205 | 102        | 200           | 6.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 207 | 104        | 200           | 3.84 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 43 (4.25') (H234516-28)**

| 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           | 08/20/2023 | ND              | 1.99 | 99.4       | 2.00          | 0.278 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/20/2023 | ND              | 2.20 | 110        | 2.00          | 5.02  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/20/2023 | ND              | 2.25 | 112        | 2.00          | 6.83  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/20/2023 | ND              | 6.77 | 113        | 6.00          | 6.47  |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/20/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 08/21/2023 | 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            | 08/19/2023 | ND              | 205 | 102        | 200           | 6.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 207 | 104        | 200           | 3.84 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 44 (4.25') (H234516-29)**

| 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           | 08/20/2023 | ND              | 1.99 | 99.4       | 2.00          | 0.278 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/20/2023 | ND              | 2.20 | 110        | 2.00          | 5.02  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/20/2023 | ND              | 2.25 | 112        | 2.00          | 6.83  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/20/2023 | ND              | 6.77 | 113        | 6.00          | 6.47  |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/20/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 08/21/2023 | 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            | 08/19/2023 | ND              | 205 | 102        | 200           | 6.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 207 | 104        | 200           | 3.84 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 45 (4.5') (H234516-30)**

| 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           | 08/20/2023 | ND              | 1.99 | 99.4       | 2.00          | 0.278 |           |
| Toluene*       | <0.050 | 0.050           | 08/20/2023 | ND              | 2.20 | 110        | 2.00          | 5.02  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/20/2023 | ND              | 2.25 | 112        | 2.00          | 6.83  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/20/2023 | ND              | 6.77 | 113        | 6.00          | 6.47  |           |
| Total BTEx     | <0.300 | 0.300           | 08/20/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 48.0   | 16.0            | 08/21/2023 | 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            | 08/19/2023 | ND              | 205 | 102        | 200           | 6.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 207 | 104        | 200           | 3.84 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 46 (4.5') (H234516-31)**

| 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           | 08/20/2023 | ND              | 1.99 | 99.4       | 2.00          | 0.278 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/20/2023 | ND              | 2.20 | 110        | 2.00          | 5.02  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/20/2023 | ND              | 2.25 | 112        | 2.00          | 6.83  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/20/2023 | ND              | 6.77 | 113        | 6.00          | 6.47  |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/20/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 08/21/2023 | 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            | 08/19/2023 | ND              | 205 | 102        | 200           | 6.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 207 | 104        | 200           | 3.84 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 47 (4.5') (H234516-32)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.15 | 108        | 2.00          | 6.13 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.59 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.01 | 101        | 2.00          | 5.47 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.04 | 101        | 6.00          | 4.01 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 08/21/2023 | 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            | 08/19/2023 | ND              | 205 | 102        | 200           | 6.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 207 | 104        | 200           | 3.84 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 48 (4.5') (H234516-33)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.15 | 108        | 2.00          | 6.13 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.59 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.01 | 101        | 2.00          | 5.47 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.04 | 101        | 6.00          | 4.01 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 48.0   | 16.0            | 08/21/2023 | 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            | 08/19/2023 | ND              | 205 | 102        | 200           | 6.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 207 | 104        | 200           | 3.84 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 49 (4.5') (H234516-34)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.15 | 108        | 2.00          | 6.13 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.59 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.01 | 101        | 2.00          | 5.47 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.04 | 101        | 6.00          | 4.01 |           |  |
| Total BTX      | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 16.0   | 16.0            | 08/21/2023 | 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            | 08/19/2023 | ND              | 205 | 102        | 200           | 6.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 207 | 104        | 200           | 3.84 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 50 (4.5') (H234516-35)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.15 | 108        | 2.00          | 6.13 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.59 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.01 | 101        | 2.00          | 5.47 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.04 | 101        | 6.00          | 4.01 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 08/21/2023 | 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            | 08/19/2023 | ND              | 205 | 102        | 200           | 6.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 207 | 104        | 200           | 3.84 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 78.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 51 (1.5') (H234516-36)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.15 | 108        | 2.00          | 6.13 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.59 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.01 | 101        | 2.00          | 5.47 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.04 | 101        | 6.00          | 4.01 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 64.0   | 16.0            | 08/21/2023 | 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            | 08/19/2023 | ND              | 205 | 102        | 200           | 6.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 207 | 104        | 200           | 3.84 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 52 (3.0') (H234516-37)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.15 | 108        | 2.00          | 6.13 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.59 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.01 | 101        | 2.00          | 5.47 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.04 | 101        | 6.00          | 4.01 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 32.0   | 16.0            | 08/21/2023 | 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            | 08/19/2023 | ND              | 205 | 102        | 200           | 6.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 207 | 104        | 200           | 3.84 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 53 (3.0') (H234516-38)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.15 | 108        | 2.00          | 6.13 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.59 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.01 | 101        | 2.00          | 5.47 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.04 | 101        | 6.00          | 4.01 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 96.0   | 16.0            | 08/21/2023 | 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            | 08/19/2023 | ND              | 205 | 102        | 200           | 6.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 207 | 104        | 200           | 3.84 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 54 (4.5') (H234516-39)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.15 | 108        | 2.00          | 6.13 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.59 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.01 | 101        | 2.00          | 5.47 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.04 | 101        | 6.00          | 4.01 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 80.0   | 16.0            | 08/21/2023 | 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            | 08/19/2023 | ND              | 205 | 102        | 200           | 6.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 207 | 104        | 200           | 3.84 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 55 (4.5') (H234516-40)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.15 | 108        | 2.00          | 6.13 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.59 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.01 | 101        | 2.00          | 5.47 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.04 | 101        | 6.00          | 4.01 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 08/21/2023 | 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            | 08/19/2023 | ND              | 205 | 102        | 200           | 6.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 207 | 104        | 200           | 3.84 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 56 (1.5') (H234516-41)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.15 | 108        | 2.00          | 6.13 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.59 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.01 | 101        | 2.00          | 5.47 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.04 | 101        | 6.00          | 4.01 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48.0   | 16.0            | 08/21/2023 | 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            | 08/19/2023 | ND              | 195 | 97.7       | 200           | 6.45 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 221 | 111        | 200           | 7.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 57 (4.5') (H234516-42)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.15 | 108        | 2.00          | 6.13 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.59 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.01 | 101        | 2.00          | 5.47 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.04 | 101        | 6.00          | 4.01 |           |
| Total BTEx     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 128    | 16.0            | 08/21/2023 | 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            | 08/19/2023 | ND              | 195 | 97.7       | 200           | 6.45 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 221 | 111        | 200           | 7.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 58 (4.5') (H234516-43)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.15 | 108        | 2.00          | 6.13 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.59 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.01 | 101        | 2.00          | 5.47 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.04 | 101        | 6.00          | 4.01 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 08/21/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/19/2023 | ND              | 195 | 97.7       | 200           | 6.45 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 221 | 111        | 200           | 7.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 59 (3.0') (H234516-44)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.15 | 108        | 2.00          | 6.13 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.59 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.01 | 101        | 2.00          | 5.47 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.04 | 101        | 6.00          | 4.01 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 48.0   | 16.0            | 08/21/2023 | ND              | 416 | 104        | 400           | 3.77 |           |

| 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            | 08/19/2023 | ND              | 195 | 97.7       | 200           | 6.45 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 221 | 111        | 200           | 7.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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**Analytical Results For:**

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 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 60 (2.75') (H234516-45)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.15 | 108        | 2.00          | 6.13 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.59 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.01 | 101        | 2.00          | 5.47 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.04 | 101        | 6.00          | 4.01 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/21/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/19/2023 | ND              | 195 | 97.7       | 200           | 6.45 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 221 | 111        | 200           | 7.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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\*=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: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 61 (3.0') (H234516-46)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.15 | 108        | 2.00          | 6.13 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.59 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.01 | 101        | 2.00          | 5.47 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.04 | 101        | 6.00          | 4.01 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48.0   | 16.0            | 08/21/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/19/2023 | ND              | 195 | 97.7       | 200           | 6.45 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 221 | 111        | 200           | 7.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 62 (3.0') (H234516-47)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.15 | 108        | 2.00          | 6.13 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.59 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.01 | 101        | 2.00          | 5.47 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.04 | 101        | 6.00          | 4.01 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48.0   | 16.0            | 08/21/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/19/2023 | ND              | 195 | 97.7       | 200           | 6.45 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 221 | 111        | 200           | 7.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 63 (2.75') (H234516-48)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.15 | 108        | 2.00          | 6.13 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.59 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.01 | 101        | 2.00          | 5.47 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.04 | 101        | 6.00          | 4.01 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/21/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/19/2023 | ND              | 195 | 97.7       | 200           | 6.45 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 221 | 111        | 200           | 7.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 64 (4.5') (H234516-49)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.15 | 108        | 2.00          | 6.13 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.59 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.01 | 101        | 2.00          | 5.47 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.04 | 101        | 6.00          | 4.01 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 32.0   | 16.0            | 08/21/2023 | ND              | 416 | 104        | 400           | 3.77 |           |

| 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            | 08/19/2023 | ND              | 195 | 97.7       | 200           | 6.45 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 221 | 111        | 200           | 7.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 65 (1.5') (H234516-50)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.15 | 108        | 2.00          | 6.13 |           |
| Toluene*       | <0.050 | 0.050           | 08/19/2023 | ND              | 2.10 | 105        | 2.00          | 6.59 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/19/2023 | ND              | 2.01 | 101        | 2.00          | 5.47 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/19/2023 | ND              | 6.04 | 101        | 6.00          | 4.01 |           |
| Total BTEX     | <0.300 | 0.300           | 08/19/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 32.0   | 16.0            | 08/21/2023 | ND              | 416 | 104        | 400           | 3.77 |           |

| 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            | 08/19/2023 | ND              | 195 | 97.7       | 200           | 6.45 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/19/2023 | ND              | 221 | 111        | 200           | 7.29 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/19/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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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<br>Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

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Celey D. Keene, Lab Director/Quality Manager

## Chain of Custody

Work Order No:

H234512

Page 7 of 14

|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

| Work Order Comments                                                                                                                                                           |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> IRC <input type="checkbox"/> Pertund <input type="checkbox"/>       |  |
| State of Project:                                                                                                                                                             |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                              |  |

|                       |                                                                     |                                  |                                                                     |                    |                                                                     |                      |                                                                     |            |   |   |  |  |  |  |  |  |                    |                 |                            |  |  |  |  |
|-----------------------|---------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------|--------------------|---------------------------------------------------------------------|----------------------|---------------------------------------------------------------------|------------|---|---|--|--|--|--|--|--|--------------------|-----------------|----------------------------|--|--|--|--|
| Project Name:         | Antero New Riser Spill (06.11.23)                                   | Turn Around                      |                                                                     | Pres. Code         | ANALYSIS REQUEST                                                    |                      |                                                                     |            |   |   |  |  |  |  |  |  | Preservative Codes |                 |                            |  |  |  |  |
| Project Number:       | 2054                                                                | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush                            |                    |                                                                     |                      |                                                                     |            |   |   |  |  |  |  |  |  |                    | None: NO        | DI Water: H <sub>2</sub> O |  |  |  |  |
| Project Location:     | Lea County, New Mexico                                              | Due Date:                        | 24 Hours                                                            |                    |                                                                     |                      |                                                                     |            |   |   |  |  |  |  |  |  |                    | Cool: Cool      | MeOH: Me                   |  |  |  |  |
| Sampler's Name:       | MMI                                                                 |                                  |                                                                     |                    |                                                                     |                      |                                                                     |            |   |   |  |  |  |  |  |  |                    | HCL: HC         | HNO <sub>3</sub> : HN      |  |  |  |  |
| PO #:                 |                                                                     | Temp Blank:                      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID:    | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Well Ice:            | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Parameters |   |   |  |  |  |  |  |  |                    |                 |                            |  |  |  |  |
| Received Intact:      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Cooler Custody Seals:            | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Temperature Reading: | 4.92                                                                |            |   |   |  |  |  |  |  |  |                    |                 |                            |  |  |  |  |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Temperature Reading:             | 4.92                                                                |                    |                                                                     |                      |                                                                     |            |   |   |  |  |  |  |  |  |                    |                 |                            |  |  |  |  |
| Total Containers:     |                                                                     | Corrected Temperature:           |                                                                     |                    |                                                                     |                      |                                                                     |            |   |   |  |  |  |  |  |  |                    |                 |                            |  |  |  |  |
| Sample Identification |                                                                     | Date                             | Time                                                                | Soil               | Water                                                               | Grab/Comp            | # of Cont                                                           |            |   |   |  |  |  |  |  |  |                    | Sample Comments |                            |  |  |  |  |
| CS-141 (4.0')         |                                                                     | 8/18/2023                        |                                                                     | X                  |                                                                     | Comp                 | 1                                                                   | X          | X | X |  |  |  |  |  |  |                    |                 |                            |  |  |  |  |
| CS-142 (4.0')         |                                                                     | 8/18/2023                        |                                                                     | X                  |                                                                     | Comp                 | 1                                                                   | X          | X | X |  |  |  |  |  |  |                    |                 |                            |  |  |  |  |
| CS-143 (4.0')         |                                                                     | 8/18/2023                        |                                                                     | X                  |                                                                     | Comp                 | 1                                                                   | X          | X | X |  |  |  |  |  |  |                    |                 |                            |  |  |  |  |
| CS-144 (4.0')         |                                                                     | 8/18/2023                        |                                                                     | X                  |                                                                     | Comp                 | 1                                                                   | X          | X | X |  |  |  |  |  |  |                    |                 |                            |  |  |  |  |
| CS-145 (4.0')         |                                                                     | 8/18/2023                        |                                                                     | X                  |                                                                     | Comp                 | 1                                                                   | X          | X | X |  |  |  |  |  |  |                    |                 |                            |  |  |  |  |
| CS-146 (4.0')         |                                                                     | 8/18/2023                        |                                                                     | X                  |                                                                     | Comp                 | 1                                                                   | X          | X | X |  |  |  |  |  |  |                    |                 |                            |  |  |  |  |
| CS-147 (4.0')         |                                                                     | 8/18/2023                        |                                                                     | X                  |                                                                     | Comp                 | 1                                                                   | X          | X | X |  |  |  |  |  |  |                    |                 |                            |  |  |  |  |
| CS-148 (2.0')         |                                                                     | 8/18/2023                        |                                                                     | X                  |                                                                     | Comp                 | 1                                                                   | X          | X | X |  |  |  |  |  |  |                    |                 |                            |  |  |  |  |
| CS-149 (2.0')         |                                                                     | 8/18/2023                        |                                                                     | X                  |                                                                     | Comp                 | 1                                                                   | X          | X | X |  |  |  |  |  |  |                    |                 |                            |  |  |  |  |
| CS-150 (2.0')         |                                                                     | 8/18/2023                        |                                                                     | X                  |                                                                     | Comp                 | 1                                                                   | X          | X | X |  |  |  |  |  |  |                    |                 |                            |  |  |  |  |

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

|                              |               |                          |           |
|------------------------------|---------------|--------------------------|-----------|
| Relinquished by: (Signature) | Date/Time     | Received by: (Signature) | Date/Time |
| <i>Conner Moehring</i>       | 8-18-23 16:40 | <i>James Kennedy</i>     |           |



Chain of Custody

Work Order No:

H234516

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|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                     |           |
|---------------------|-----------|
| Work Order Comments |           |
| Program: UST/PT     | PRP       |
| State of Project:   | Level I   |
| Reporting Level II  | Level III |
| Deliverables: EDD   | ADAPT     |
| Other:              |           |

|                       |                                   |                                  |                                          |                  |          |           |           |   |   |   |  |  |  |  |  |                    |                                                               |                            |  |                                                                   |  |
|-----------------------|-----------------------------------|----------------------------------|------------------------------------------|------------------|----------|-----------|-----------|---|---|---|--|--|--|--|--|--------------------|---------------------------------------------------------------|----------------------------|--|-------------------------------------------------------------------|--|
| Project Name:         | Antero New Riser Spill (06.11.23) | Turn Around                      | Pres. Code                               | ANALYSIS REQUEST |          |           |           |   |   |   |  |  |  |  |  | Preservative Codes |                                                               |                            |  |                                                                   |  |
| Project Number:       | 2054                              | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush |                  |          |           |           |   |   |   |  |  |  |  |  |                    | None: NO                                                      | DI Water: H <sub>2</sub> O |  |                                                                   |  |
| Project Location:     | Lea County, New Mexico            | Due Date:                        | 24 Hours                                 |                  |          |           |           |   |   |   |  |  |  |  |  |                    | Cool: Cool                                                    | MeOH: Me                   |  |                                                                   |  |
| Sampler's Name:       | MM                                |                                  |                                          |                  |          |           |           |   |   |   |  |  |  |  |  |                    | HCL: HC                                                       | HNO <sub>3</sub> : HN      |  |                                                                   |  |
| PO #:                 |                                   |                                  |                                          |                  |          |           |           |   |   |   |  |  |  |  |  |                    | H <sub>2</sub> S <sub>2</sub> O <sub>8</sub> : H <sub>2</sub> | NaOH: Na                   |  |                                                                   |  |
| SAMPLE RECEIPT        |                                   | Temp Blank:                      | Yes                                      | No               | Wet Ice: | Yes       | No        |   |   |   |  |  |  |  |  |                    |                                                               |                            |  | H <sub>3</sub> PO <sub>4</sub> : HP                               |  |
| Received Intact:      | Yes                               | No                               | Thermometer ID:                          |                  |          |           |           |   |   |   |  |  |  |  |  |                    |                                                               |                            |  | NaHSO <sub>4</sub> : NABIS                                        |  |
| Cooler Custody Seals: | Yes                               | No                               | Correction Factor:                       |                  |          |           |           |   |   |   |  |  |  |  |  |                    |                                                               |                            |  | Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>5</sub> |  |
| Sample Custody Seals: | Yes                               | No                               | Temperature Reading:                     |                  |          |           |           |   |   |   |  |  |  |  |  |                    |                                                               |                            |  | Zn Acetate+NaOH: Zn                                               |  |
| Total Containers:     |                                   |                                  | Corrected Temperature:                   |                  |          |           |           |   |   |   |  |  |  |  |  |                    |                                                               |                            |  | NaOH+Ascorbic Acid: S-APC                                         |  |
| Sample Identification |                                   | Date                             | Time                                     | Soil             | Water    | Grab/Comp | # of Cont |   |   |   |  |  |  |  |  |                    |                                                               |                            |  | Sample Comments                                                   |  |
| CS-151 (2.0)          | 8/18/2023                         |                                  |                                          | X                |          | Comp      | 1         | X | X | X |  |  |  |  |  |                    |                                                               |                            |  |                                                                   |  |
| CS-152 (2.0)          | 8/18/2023                         |                                  |                                          | X                |          | Comp      | 1         | X | X | X |  |  |  |  |  |                    |                                                               |                            |  |                                                                   |  |
| CS-153 (2.0)          | 8/18/2023                         |                                  |                                          | X                |          | Comp      | 1         | X | X | X |  |  |  |  |  |                    |                                                               |                            |  |                                                                   |  |
| CS-154 (2.0)          | 8/18/2023                         |                                  |                                          | X                |          | Comp      | 1         | X | X | X |  |  |  |  |  |                    |                                                               |                            |  |                                                                   |  |
| CS-155 (2.0)          | 8/18/2023                         |                                  |                                          | X                |          | Comp      | 1         | X | X | X |  |  |  |  |  |                    |                                                               |                            |  |                                                                   |  |
| CS-156 (2.0)          | 8/18/2023                         |                                  |                                          | X                |          | Comp      | 1         | X | X | X |  |  |  |  |  |                    |                                                               |                            |  |                                                                   |  |
| CS-157 (1.5)          | 8/18/2023                         |                                  |                                          | X                |          | Comp      | 1         | X | X | X |  |  |  |  |  |                    |                                                               |                            |  |                                                                   |  |
| CS-158 (1.5)          | 8/18/2023                         |                                  |                                          | X                |          | Comp      | 1         | X | X | X |  |  |  |  |  |                    |                                                               |                            |  |                                                                   |  |
| SW-32 (1.0)           | 8/18/2023                         |                                  |                                          | X                |          | Comp      | 1         | X | X | X |  |  |  |  |  |                    |                                                               |                            |  |                                                                   |  |
| SW-35 (4.25)          | 8/18/2023                         |                                  |                                          | X                |          | Comp      | 1         | X | X | X |  |  |  |  |  |                    |                                                               |                            |  |                                                                   |  |

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

|                              |              |                          |           |
|------------------------------|--------------|--------------------------|-----------|
| Relinquished by: (Signature) | Date/Time    | Received by: (Signature) | Date/Time |
| <i>Conner Moehring</i>       | 8-18-23 1640 | <i>James Kennedy</i>     |           |



Chain of Custody

Work Order No:

4234516

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|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                           |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>   |  |
| State of Project:                                                                                                                                                             |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                              |  |

| Project Name:         |                        | Antero New Riser Spill (06.11.23)                                   |                                                                     | Turn Around                                                                                                                                                                                                               |          | Pres. Code                                                          | ANALYSIS REQUEST |   |   |   |  |  |  |  |                              |  |  |  |  |  |  |                                                 | Preservative Codes    |                            |
|-----------------------|------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------|------------------|---|---|---|--|--|--|--|------------------------------|--|--|--|--|--|--|-------------------------------------------------|-----------------------|----------------------------|
| Project Number:       | 2054                   | <input type="checkbox"/> Routine                                    | <input checked="" type="checkbox"/> Rush                            | Due Date: 24 Hours                                                                                                                                                                                                        |          |                                                                     |                  |   |   |   |  |  |  |  |                              |  |  |  |  |  |  |                                                 | None: NO              | DI Water: H <sub>2</sub> O |
| Project Location:     | Lea County, New Mexico |                                                                     |                                                                     |                                                                                                                                                                                                                           |          |                                                                     |                  |   |   |   |  |  |  |  |                              |  |  |  |  |  |  | Cool: Cool                                      | MeOH: Me              |                            |
| Sampler's Name:       | MM                     |                                                                     |                                                                     |                                                                                                                                                                                                                           |          |                                                                     |                  |   |   |   |  |  |  |  |                              |  |  |  |  |  |  | HCL: HC                                         | HNO <sub>3</sub> : HN |                            |
| PO #:                 |                        |                                                                     |                                                                     |                                                                                                                                                                                                                           |          |                                                                     |                  |   |   |   |  |  |  |  |                              |  |  |  |  |  |  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> | NaOH: Na              |                            |
| SAMPLE RECEIPT        |                        | Temp Blank:                                                         | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> <th>Wet Ice:</th> <td>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></td> <th colspan="10">Parameters</th> <td colspan="2"></td> | Wet Ice: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Parameters       |   |   |   |  |  |  |  |                              |  |  |  |  |  |  |                                                 |                       |                            |
| Received Intact:      |                        | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID:                                                     |                                                                                                                                                                                                                           |          |                                                                     |                  |   |   |   |  |  |  |  | BTEX 8021B                   |  |  |  |  |  |  |                                                 |                       |                            |
| Cooler Custody Seals: |                        | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Correction Factor:                                                  |                                                                                                                                                                                                                           |          |                                                                     |                  |   |   |   |  |  |  |  | TPH 8015M ( GRO + DRO + MRO) |  |  |  |  |  |  |                                                 |                       |                            |
| Sample Custody Seals: |                        | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Temperature Reading:                                                |                                                                                                                                                                                                                           |          |                                                                     |                  |   |   |   |  |  |  |  | Chloride 4500                |  |  |  |  |  |  |                                                 |                       |                            |
| Total Containers:     |                        | N/A                                                                 |                                                                     | Corrected Temperature:                                                                                                                                                                                                    |          |                                                                     |                  |   |   |   |  |  |  |  |                              |  |  |  |  |  |  |                                                 |                       |                            |
| Sample Identification |                        | Date                                                                | Time                                                                | Soil                                                                                                                                                                                                                      | Water    | Grab/Comp                                                           | # of Cont        |   |   |   |  |  |  |  |                              |  |  |  |  |  |  |                                                 |                       | Sample Comments            |
| SW-36 (4.25')         |                        | 8/18/2023                                                           |                                                                     | X                                                                                                                                                                                                                         |          | Comp                                                                | 1                | X | X | X |  |  |  |  |                              |  |  |  |  |  |  |                                                 |                       |                            |
| SW-37 (4.25')         |                        | 8/18/2023                                                           |                                                                     | X                                                                                                                                                                                                                         |          | Comp                                                                | 1                | X | X | X |  |  |  |  |                              |  |  |  |  |  |  |                                                 |                       |                            |
| SW-38 (4.5')          |                        | 8/18/2023                                                           |                                                                     | X                                                                                                                                                                                                                         |          | Comp                                                                | 1                | X | X | X |  |  |  |  |                              |  |  |  |  |  |  |                                                 |                       |                            |
| SW-39 (4.5')          |                        | 8/18/2023                                                           |                                                                     | X                                                                                                                                                                                                                         |          | Comp                                                                | 1                | X | X | X |  |  |  |  |                              |  |  |  |  |  |  |                                                 |                       |                            |
| SW-40 (4.5')          |                        | 8/18/2023                                                           |                                                                     | X                                                                                                                                                                                                                         |          | Comp                                                                | 1                | X | X | X |  |  |  |  |                              |  |  |  |  |  |  |                                                 |                       |                            |
| SW-41 (4.5')          |                        | 8/18/2023                                                           |                                                                     | X                                                                                                                                                                                                                         |          | Comp                                                                | 1                | X | X | X |  |  |  |  |                              |  |  |  |  |  |  |                                                 |                       |                            |
| SW-42 (4.25')         |                        | 8/18/2023                                                           |                                                                     | X                                                                                                                                                                                                                         |          | Comp                                                                | 1                | X | X | X |  |  |  |  |                              |  |  |  |  |  |  |                                                 |                       |                            |
| SW-43 (4.25')         |                        | 8/18/2023                                                           |                                                                     | X                                                                                                                                                                                                                         |          | Comp                                                                | 1                | X | X | X |  |  |  |  |                              |  |  |  |  |  |  |                                                 |                       |                            |
| SW-44 (4.25')         |                        | 8/18/2023                                                           |                                                                     | X                                                                                                                                                                                                                         |          | Comp                                                                | 1                | X | X | X |  |  |  |  |                              |  |  |  |  |  |  |                                                 |                       |                            |
| SW-45 (4.5')          |                        | 8/18/2023                                                           |                                                                     | X                                                                                                                                                                                                                         |          | Comp                                                                | 1                | X | X | X |  |  |  |  |                              |  |  |  |  |  |  |                                                 |                       |                            |

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

|                                                                                   |               |                                                                                     |           |
|-----------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------|-----------|
| Relinquished by: (Signature)                                                      | Date/Time     | Received by: (Signature)                                                            | Date/Time |
|  | 8-18-23 12:40 |  |           |



Chain of Custody

Work Order No: HT34576

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|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City/State ZIP:  | Midland, TX 79701     | City/State ZIP:         | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James_Kennedy@eogresources.com |

|                                                                                                                                                                                |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                            |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Superfund <input type="checkbox"/>     |  |
| State of Project:                                                                                                                                                              |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> UST/UST <input type="checkbox"/> PRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                               |  |

|                       |                                                                     |                      |                                  |                                                                     |            |                                                                     |   |   |   |   |  |  |  |  |  |  |                                                 |                    |                            |  |
|-----------------------|---------------------------------------------------------------------|----------------------|----------------------------------|---------------------------------------------------------------------|------------|---------------------------------------------------------------------|---|---|---|---|--|--|--|--|--|--|-------------------------------------------------|--------------------|----------------------------|--|
| Project Name:         | Antero New Rise Spill (06.11.23)                                    |                      | Turn Around                      |                                                                     | Pres. Code | ANALYSIS REQUEST                                                    |   |   |   |   |  |  |  |  |  |  |                                                 | Preservative Codes |                            |  |
| Project Number:       | 2054                                                                |                      | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush                            |            |                                                                     |   |   |   |   |  |  |  |  |  |  |                                                 | None: NO           | DI Water: H <sub>2</sub> O |  |
| Project Location:     | Lea County, New Mexico                                              |                      | Due Date:                        |                                                                     |            | 24 Hours                                                            |   |   |   |   |  |  |  |  |  |  |                                                 | Cool: Cool         | MeOH: Me                   |  |
| Sample's Name:        | MM                                                                  |                      |                                  |                                                                     |            |                                                                     |   |   |   |   |  |  |  |  |  |  |                                                 | HCL: HC            | HNO <sub>3</sub> : HN      |  |
| PO #:                 |                                                                     |                      |                                  |                                                                     |            |                                                                     |   |   |   |   |  |  |  |  |  |  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> |                    | NaOH: Na                   |  |
| SAMPLE RECEIPT        |                                                                     |                      | Temp Blank:                      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |   |   |   |   |  |  |  |  |  |  |                                                 |                    |                            |  |
| Received Intact:      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID:      |                                  |                                                                     |            |                                                                     |   |   |   |   |  |  |  |  |  |  |                                                 |                    |                            |  |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor:   |                                  |                                                                     |            |                                                                     |   |   |   |   |  |  |  |  |  |  |                                                 |                    |                            |  |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Temperature Reading: | 49.9                             |                                                                     |            |                                                                     |   |   |   |   |  |  |  |  |  |  |                                                 |                    |                            |  |
| Total Containers:     |                                                                     |                      | Corrected Temperature:           |                                                                     |            |                                                                     |   |   |   |   |  |  |  |  |  |  |                                                 |                    |                            |  |
| Sample Identification | Date                                                                | Time                 | Soil                             | Water                                                               | Grab/Comp  | # of Cont                                                           |   |   |   |   |  |  |  |  |  |  |                                                 |                    | Sample Comments            |  |
| SW-46 (4.5)           | 8/18/2023                                                           |                      | X                                |                                                                     | Comp       | 1                                                                   | X | X | X | X |  |  |  |  |  |  |                                                 |                    |                            |  |
| SW-47 (4.5)           | 8/18/2023                                                           |                      | X                                |                                                                     | Comp       | 1                                                                   | X | X | X | X |  |  |  |  |  |  |                                                 |                    |                            |  |
| SW-48 (4.5)           | 8/18/2023                                                           |                      | X                                |                                                                     | Comp       | 1                                                                   | X | X | X | X |  |  |  |  |  |  |                                                 |                    |                            |  |
| SW-49 (4.5)           | 8/18/2023                                                           |                      | X                                |                                                                     | Comp       | 1                                                                   | X | X | X | X |  |  |  |  |  |  |                                                 |                    |                            |  |
| SW-50 (4.5)           | 8/18/2023                                                           |                      | X                                |                                                                     | Comp       | 1                                                                   | X | X | X | X |  |  |  |  |  |  |                                                 |                    |                            |  |
| SW-51 (1.5)           | 8/18/2023                                                           |                      | X                                |                                                                     | Comp       | 1                                                                   | X | X | X | X |  |  |  |  |  |  |                                                 |                    |                            |  |
| SW-52 (3.0)           | 8/18/2023                                                           |                      | X                                |                                                                     | Comp       | 1                                                                   | X | X | X | X |  |  |  |  |  |  |                                                 |                    |                            |  |
| SW-53 (3.0)           | 8/18/2023                                                           |                      | X                                |                                                                     | Comp       | 1                                                                   | X | X | X | X |  |  |  |  |  |  |                                                 |                    |                            |  |
| SW-54 (4.5)           | 8/18/2023                                                           |                      | X                                |                                                                     | Comp       | 1                                                                   | X | X | X | X |  |  |  |  |  |  |                                                 |                    |                            |  |
| SW-55 (4.5)           | 8/18/2023                                                           |                      | X                                |                                                                     | Comp       | 1                                                                   | X | X | X | X |  |  |  |  |  |  |                                                 |                    |                            |  |

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

|                              |              |                          |           |
|------------------------------|--------------|--------------------------|-----------|
| Relinquished by: (Signature) | Date/Time    | Received by: (Signature) | Date/Time |
| <u>David Hilt</u>            | 8/18/23 1640 | <u>James Kennedy</u>     |           |

## Chain of Custody

Work Order No:

H2345716

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|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                           |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> JRC <input type="checkbox"/> Pertund <input type="checkbox"/>       |  |
| State of Project:                                                                                                                                                             |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                              |  |

|                       |                                                                                |  |                                  |                                                                                |            |                                                                                |           |           |   |   |   |  |  |  |  |  |  |                                                                   |                                     |  |                 |  |
|-----------------------|--------------------------------------------------------------------------------|--|----------------------------------|--------------------------------------------------------------------------------|------------|--------------------------------------------------------------------------------|-----------|-----------|---|---|---|--|--|--|--|--|--|-------------------------------------------------------------------|-------------------------------------|--|-----------------|--|
| Project Name:         | Antero New Riser Spill (06.11.23)                                              |  | Turn Around                      |                                                                                | Pres. Code | ANALYSIS REQUEST                                                               |           |           |   |   |   |  |  |  |  |  |  | Preservative Codes                                                |                                     |  |                 |  |
| Project Number:       | 2054                                                                           |  | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush                                       |            |                                                                                |           |           |   |   |   |  |  |  |  |  |  |                                                                   | None: NO DI Water: H <sub>2</sub> O |  |                 |  |
| Project Location:     | Lea County, New Mexico                                                         |  | Due Date:                        |                                                                                |            | 24 Hours                                                                       |           |           |   |   |   |  |  |  |  |  |  |                                                                   | Cool: Cool MeOH: Me                 |  |                 |  |
| Sampler's Name:       | MM                                                                             |  |                                  |                                                                                |            |                                                                                |           |           |   |   |   |  |  |  |  |  |  |                                                                   | HCL: HC HNO <sub>3</sub> : HN       |  |                 |  |
| PO #:                 |                                                                                |  |                                  |                                                                                |            |                                                                                |           |           |   |   |   |  |  |  |  |  |  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na          |                                     |  |                 |  |
| SAMPLE RECEIPT        |                                                                                |  | Temp Blank:                      | Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> | Wet Ice:   | Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> |           |           |   |   |   |  |  |  |  |  |  |                                                                   | H <sub>3</sub> PO <sub>4</sub> : HP |  |                 |  |
| Received Intact:      | Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> |  | Thermometer ID:                  | 440                                                                            |            |                                                                                |           |           |   |   |   |  |  |  |  |  |  | NaHSO <sub>4</sub> : NABIS                                        |                                     |  |                 |  |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> |  | Correction Factor:               | 4.9%                                                                           |            |                                                                                |           |           |   |   |   |  |  |  |  |  |  | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |                                     |  |                 |  |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> |  | Temperature Reading:             | 4.9%                                                                           |            |                                                                                |           |           |   |   |   |  |  |  |  |  |  | Zn Acetate+NaOH: Zn                                               |                                     |  |                 |  |
| Total Containers:     |                                                                                |  | Corrected Temperature:           |                                                                                |            |                                                                                |           |           |   |   |   |  |  |  |  |  |  | NaOH+Ascorbic Acid: SAPC                                          |                                     |  |                 |  |
| Sample Identification |                                                                                |  | Date                             | Time                                                                           | Soil       | Water                                                                          | Grab/Comp | # of Cont |   |   |   |  |  |  |  |  |  |                                                                   |                                     |  | Sample Comments |  |
| SW-56 (1.5')          |                                                                                |  | 8/18/2023                        |                                                                                | X          |                                                                                | Comp      | 1         | X | X | X |  |  |  |  |  |  |                                                                   |                                     |  |                 |  |
| SW-57 (4.5')          |                                                                                |  | 8/18/2023                        |                                                                                | X          |                                                                                | Comp      | 1         | X | X | X |  |  |  |  |  |  |                                                                   |                                     |  |                 |  |
| SW-58 (4.5')          |                                                                                |  | 8/18/2023                        |                                                                                | X          |                                                                                | Comp      | 1         | X | X | X |  |  |  |  |  |  |                                                                   |                                     |  |                 |  |
| SW-59 (3.0')          |                                                                                |  | 8/18/2023                        |                                                                                | X          |                                                                                | Comp      | 1         | X | X | X |  |  |  |  |  |  |                                                                   |                                     |  |                 |  |
| SW-60 (2.75')         |                                                                                |  | 8/18/2023                        |                                                                                | X          |                                                                                | Comp      | 1         | X | X | X |  |  |  |  |  |  |                                                                   |                                     |  |                 |  |
| SW-61 (3.0')          |                                                                                |  | 8/18/2023                        |                                                                                | X          |                                                                                | Comp      | 1         | X | X | X |  |  |  |  |  |  |                                                                   |                                     |  |                 |  |
| SW-62 (3.0')          |                                                                                |  | 8/18/2023                        |                                                                                | X          |                                                                                | Comp      | 1         | X | X | X |  |  |  |  |  |  |                                                                   |                                     |  |                 |  |
| SW-63 (2.75')         |                                                                                |  | 8/18/2023                        |                                                                                | X          |                                                                                | Comp      | 1         | X | X | X |  |  |  |  |  |  |                                                                   |                                     |  |                 |  |
| SW-64 (4.5')          |                                                                                |  | 8/18/2023                        |                                                                                | X          |                                                                                | Comp      | 1         | X | X | X |  |  |  |  |  |  |                                                                   |                                     |  |                 |  |
| SW-65 (1.5')          |                                                                                |  | 8/18/2023                        |                                                                                | X          |                                                                                | Comp      | 1         | X | X | X |  |  |  |  |  |  |                                                                   |                                     |  |                 |  |

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

|                              |  |              |                          |  |           |
|------------------------------|--|--------------|--------------------------|--|-----------|
| Relinquished by: (Signature) |  | Date/Time    | Received by: (Signature) |  | Date/Time |
| <i>Conner Moehring</i>       |  | 8-18-23 1640 | <i>James Kennedy</i>     |  |           |





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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August 22, 2023

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: ANTERO NEW RISER SPILL (06.11.23)

Enclosed are the results of analyses for samples received by the laboratory on 08/18/23 16:40.

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/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 66 (4.0') (H234517-01)**

| BTEX 8021B     |        | mg/ kg          |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 1.92 | 95.8       | 2.00          | 4.68 |           |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.09 | 104        | 2.00          | 4.18 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.13 | 107        | 2.00          | 3.98 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.55 | 109        | 6.00          | 3.39 |           |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/21/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/21/2023 | ND              | 177 | 88.4       | 200           | 4.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 199 | 99.5       | 200           | 4.00 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 67 (4.0') (H234517-02)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.11 | 106        | 2.00          | 0.565  |           |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.13 | 106        | 2.00          | 0.855  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.08 | 104        | 2.00          | 0.0903 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.27 | 104        | 6.00          | 0.979  |           |
| Total BTEx     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 32.0   | 16.0            | 08/21/2023 | ND              | 448 | 112        | 400           | 3.64 |           |

| 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            | 08/21/2023 | ND              | 177 | 88.4       | 200           | 4.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 199 | 99.5       | 200           | 4.00 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 68 (4.0') (H234517-03)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.11 | 106        | 2.00          | 0.565  |           |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.13 | 106        | 2.00          | 0.855  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.08 | 104        | 2.00          | 0.0903 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.27 | 104        | 6.00          | 0.979  |           |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 32.0   | 16.0            | 08/21/2023 | ND              | 448 | 112        | 400           | 3.64 |           |

| 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            | 08/21/2023 | ND              | 177 | 88.4       | 200           | 4.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 199 | 99.5       | 200           | 4.00 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 74.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 69 (4.0') (H234517-04)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.11 | 106        | 2.00          | 0.565  |           |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.13 | 106        | 2.00          | 0.855  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.08 | 104        | 2.00          | 0.0903 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.27 | 104        | 6.00          | 0.979  |           |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 80.0   | 16.0            | 08/21/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/21/2023 | ND              | 177 | 88.4       | 200           | 4.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 199 | 99.5       | 200           | 4.00 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 61.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.8 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 70 (4.0') (H234517-05)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.11 | 106        | 2.00          | 0.565  |           |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.13 | 106        | 2.00          | 0.855  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.08 | 104        | 2.00          | 0.0903 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.27 | 104        | 6.00          | 0.979  |           |
| Total BTX      | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 112    | 16.0            | 08/21/2023 | ND              | 448 | 112        | 400           | 3.64 |           |

| 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            | 08/21/2023 | ND              | 177 | 88.4       | 200           | 4.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 199 | 99.5       | 200           | 4.00 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 71.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 71 (4.0') (H234517-06)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.11 | 106        | 2.00          | 0.565  |           |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.13 | 106        | 2.00          | 0.855  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.08 | 104        | 2.00          | 0.0903 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.27 | 104        | 6.00          | 0.979  |           |
| Total BTX      | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 80.0   | 16.0            | 08/21/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/21/2023 | ND              | 177 | 88.4       | 200           | 4.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 199 | 99.5       | 200           | 4.00 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 68.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 72 (4.0') (H234517-07)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.11 | 106        | 2.00          | 0.565  |           |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.13 | 106        | 2.00          | 0.855  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.08 | 104        | 2.00          | 0.0903 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.27 | 104        | 6.00          | 0.979  |           |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 32.0   | 16.0            | 08/21/2023 | ND              | 448 | 112        | 400           | 3.64 |           |

| 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            | 08/21/2023 | ND              | 177 | 88.4       | 200           | 4.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 199 | 99.5       | 200           | 4.00 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 73 (2.5') (H234517-08)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.11 | 106        | 2.00          | 0.565  |           |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.13 | 106        | 2.00          | 0.855  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.08 | 104        | 2.00          | 0.0903 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.27 | 104        | 6.00          | 0.979  |           |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 48.0   | 16.0            | 08/21/2023 | ND              | 448 | 112        | 400           | 3.64 |           |

| 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            | 08/21/2023 | ND              | 177 | 88.4       | 200           | 4.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 199 | 99.5       | 200           | 4.00 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 75.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 74 (1.5') (H234517-09)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.11 | 106        | 2.00          | 0.565  |           |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.13 | 106        | 2.00          | 0.855  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.08 | 104        | 2.00          | 0.0903 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.27 | 104        | 6.00          | 0.979  |           |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 48.0   | 16.0            | 08/21/2023 | ND              | 448 | 112        | 400           | 3.64 |           |

| 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            | 08/21/2023 | ND              | 177 | 88.4       | 200           | 4.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 199 | 99.5       | 200           | 4.00 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 73.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.8 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 75 (1.5') (H234517-10)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.11 | 106        | 2.00          | 0.565  |           |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.13 | 106        | 2.00          | 0.855  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.08 | 104        | 2.00          | 0.0903 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.27 | 104        | 6.00          | 0.979  |           |
| Total BTEx     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 80.0   | 16.0            | 08/21/2023 | 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            | 08/21/2023 | ND              | 177 | 88.4       | 200           | 4.42 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 199 | 99.5       | 200           | 4.00 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 70.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 76 (2.5') (H234517-11)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.11 | 106        | 2.00          | 0.565  |           |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.13 | 106        | 2.00          | 0.855  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.08 | 104        | 2.00          | 0.0903 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.27 | 104        | 6.00          | 0.979  |           |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 64.0   | 16.0            | 08/21/2023 | 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            | 08/21/2023 | ND              | 170 | 85.0       | 200           | 3.83 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 187 | 93.7       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
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 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 77 (4.0') (H234517-12)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.11 | 106        | 2.00          | 0.565  |           |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.13 | 106        | 2.00          | 0.855  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.08 | 104        | 2.00          | 0.0903 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.27 | 104        | 6.00          | 0.979  |           |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48.0   | 16.0            | 08/21/2023 | 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            | 08/21/2023 | ND              | 170 | 85.0       | 200           | 3.83 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 187 | 93.7       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 60.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 78 (2.5') (H234517-13)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.11 | 106        | 2.00          | 0.565  |           |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.13 | 106        | 2.00          | 0.855  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.08 | 104        | 2.00          | 0.0903 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.27 | 104        | 6.00          | 0.979  |           |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48.0   | 16.0            | 08/21/2023 | 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            | 08/21/2023 | ND              | 170 | 85.0       | 200           | 3.83 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 187 | 93.7       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 74.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 79 (2.5') (H234517-14)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.11 | 106        | 2.00          | 0.565  |           |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.13 | 106        | 2.00          | 0.855  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.08 | 104        | 2.00          | 0.0903 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.27 | 104        | 6.00          | 0.979  |           |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48.0   | 16.0            | 08/21/2023 | 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            | 08/21/2023 | ND              | 170 | 85.0       | 200           | 3.83 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 187 | 93.7       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 80 (2.0') (H234517-15)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.11 | 106        | 2.00          | 0.565  |           |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.13 | 106        | 2.00          | 0.855  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.08 | 104        | 2.00          | 0.0903 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.27 | 104        | 6.00          | 0.979  |           |
| Total BTX      | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 224    | 16.0            | 08/21/2023 | 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            | 08/21/2023 | ND              | 170 | 85.0       | 200           | 3.83 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 187 | 93.7       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 81 (2.0') (H234517-16)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.11 | 106        | 2.00          | 0.565  |           |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.13 | 106        | 2.00          | 0.855  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.08 | 104        | 2.00          | 0.0903 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.27 | 104        | 6.00          | 0.979  |           |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 08/21/2023 | 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            | 08/21/2023 | ND              | 170 | 85.0       | 200           | 3.83 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 187 | 93.7       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 82 (2.0') (H234517-17)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.11 | 106        | 2.00          | 0.565  |           |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.13 | 106        | 2.00          | 0.855  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.08 | 104        | 2.00          | 0.0903 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.27 | 104        | 6.00          | 0.979  |           |
| Total BTX      | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 08/21/2023 | 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            | 08/21/2023 | ND              | 170 | 85.0       | 200           | 3.83 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 187 | 93.7       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 83 (2.0') (H234517-18)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.11 | 106        | 2.00          | 0.565  |           |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.13 | 106        | 2.00          | 0.855  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.08 | 104        | 2.00          | 0.0903 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.27 | 104        | 6.00          | 0.979  |           |
| Total BTEx     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/21/2023 | 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            | 08/21/2023 | ND              | 170 | 85.0       | 200           | 3.83 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 187 | 93.7       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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 Fax To:

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 84 (2.0') (H234517-19)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.11 | 106        | 2.00          | 0.565  |           |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.13 | 106        | 2.00          | 0.855  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.08 | 104        | 2.00          | 0.0903 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.27 | 104        | 6.00          | 0.979  |           |
| Total BTEx     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 16.0   | 16.0            | 08/21/2023 | 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            | 08/21/2023 | ND              | 170 | 85.0       | 200           | 3.83 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 187 | 93.7       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 85 (2.0') (H234517-20)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.11 | 106        | 2.00          | 0.565  |           |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.13 | 106        | 2.00          | 0.855  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.08 | 104        | 2.00          | 0.0903 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.27 | 104        | 6.00          | 0.979  |           |
| Total BTEx     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/21/2023 | 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            | 08/21/2023 | ND              | 170 | 85.0       | 200           | 3.83 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 187 | 93.7       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 86 (2.0') (H234517-21)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.11 | 106        | 2.00          | 0.565  |           |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.13 | 106        | 2.00          | 0.855  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.08 | 104        | 2.00          | 0.0903 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.27 | 104        | 6.00          | 0.979  |           |
| Total BTEx     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/21/2023 | 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            | 08/21/2023 | ND              | 184 | 91.8       | 200           | 3.77  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 187 | 93.5       | 200           | 0.932 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.7 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 87 (2.0') (H234517-22)**

| 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           | 08/21/2023 | ND               | 1.87 | 93.5       | 2.00          | 3.38 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND               | 1.87 | 93.3       | 2.00          | 2.06 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND               | 1.97 | 98.7       | 2.00          | 1.86 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND               | 5.88 | 98.0       | 6.00          | 1.59 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 08/21/2023 | 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            | 08/21/2023 | ND              | 184 | 91.8       | 200           | 3.77  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 187 | 93.5       | 200           | 0.932 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 88 (2.0') (H234517-23)**

| 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           | 08/21/2023 | ND               | 1.87 | 93.5       | 2.00          | 3.38 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND               | 1.87 | 93.3       | 2.00          | 2.06 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND               | 1.97 | 98.7       | 2.00          | 1.86 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND               | 5.88 | 98.0       | 6.00          | 1.59 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/21/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 48.0   | 16.0            | 08/21/2023 | 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            | 08/21/2023 | ND              | 184 | 91.8       | 200           | 3.77  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 187 | 93.5       | 200           | 0.932 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 89 (1.5') (H234517-24)**

| 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           | 08/21/2023 | ND               | 1.87 | 93.5       | 2.00          | 3.38 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND               | 1.87 | 93.3       | 2.00          | 2.06 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND               | 1.97 | 98.7       | 2.00          | 1.86 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND               | 5.88 | 98.0       | 6.00          | 1.59 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/21/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 08/21/2023 | 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            | 08/21/2023 | ND              | 184 | 91.8       | 200           | 3.77  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 187 | 93.5       | 200           | 0.932 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/18/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 90 (4.25') (H234517-25)**

| 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           | 08/21/2023 | ND               | 1.87 | 93.5       | 2.00          | 3.38 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND               | 1.87 | 93.3       | 2.00          | 2.06 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND               | 1.97 | 98.7       | 2.00          | 1.86 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND               | 5.88 | 98.0       | 6.00          | 1.59 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 08/21/2023 | 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            | 08/21/2023 | ND              | 184 | 91.8       | 200           | 3.77  |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 187 | 93.5       | 200           | 0.932 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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### Notes and Definitions

|     |                                                                                                                                                                |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ND  | Analyte NOT DETECTED at or above the reporting limit                                                                                                           |
| RPD | Relative Percent Difference                                                                                                                                    |
| **  | Samples not received at proper temperature of 6°C or below.                                                                                                    |
| *** | Insufficient time to reach temperature.                                                                                                                        |
| -   | Chloride by SM4500Cl-B does not require samples be received at or below 6°C<br>Samples reported on an as received basis (wet) unless otherwise noted on report |

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\*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

## Chain of Custody

Work Order No: H234517Page 12 of 14

|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5508 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                                                                |                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Work Order Comments                                                                                                                                                                                            |                                                                                  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Superfund <input type="checkbox"/>                                     | State of Project:                                                                |
| Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> PRP <input type="checkbox"/> Level IV <input type="checkbox"/> | Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: |

|                       |                                                                     |                      |                                  |                                                                     |            |                                                                     |           |           |   |   |   |  |  |  |  |  |  |                                                                   |                                                 |  |                 |  |
|-----------------------|---------------------------------------------------------------------|----------------------|----------------------------------|---------------------------------------------------------------------|------------|---------------------------------------------------------------------|-----------|-----------|---|---|---|--|--|--|--|--|--|-------------------------------------------------------------------|-------------------------------------------------|--|-----------------|--|
| Project Name:         | Antero New Riser Spill (06.11.23)                                   |                      | Turn Around                      |                                                                     | Pres. Code | ANALYSIS REQUEST                                                    |           |           |   |   |   |  |  |  |  |  |  | Preservative Codes                                                |                                                 |  |                 |  |
| Project Number:       | 2054                                                                |                      | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush                            |            | Parameters                                                          |           |           |   |   |   |  |  |  |  |  |  |                                                                   | None: NO                                        |  |                 |  |
| Project Location:     | Lea County, New Mexico                                              |                      | Due Date:                        | 24 Hours                                                            |            |                                                                     |           |           |   |   |   |  |  |  |  |  |  |                                                                   | Cool: Cool                                      |  |                 |  |
| Sampler's Name:       | MM                                                                  |                      |                                  | 8 Days                                                              |            |                                                                     |           |           |   |   |   |  |  |  |  |  |  |                                                                   | MeOH: Me                                        |  |                 |  |
| PO #:                 |                                                                     |                      |                                  |                                                                     |            |                                                                     |           |           |   |   |   |  |  |  |  |  |  | HCL: HC                                                           |                                                 |  |                 |  |
| SAMPLE RECEIPT        |                                                                     |                      | Temp Blank:                      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |           |           |   |   |   |  |  |  |  |  |  |                                                                   | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> |  |                 |  |
| Received intact:      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID:      |                                  |                                                                     | 140        |                                                                     |           |           |   |   |   |  |  |  |  |  |  | NaHSO <sub>4</sub> : NABIS                                        |                                                 |  |                 |  |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor:   |                                  |                                                                     | 4.93       |                                                                     |           |           |   |   |   |  |  |  |  |  |  | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |                                                 |  |                 |  |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Temperature Reading: |                                  |                                                                     | 4.93       |                                                                     |           |           |   |   |   |  |  |  |  |  |  | Zn Acetate+NaOH: Zn                                               |                                                 |  |                 |  |
| Total Containers:     |                                                                     |                      | Corrected Temperature:           |                                                                     |            |                                                                     |           |           |   |   |   |  |  |  |  |  |  | NaOH+Ascorbic Acid: SAPC                                          |                                                 |  |                 |  |
| Sample Identification |                                                                     |                      | Date                             | Time                                                                | Soil       | Water                                                               | Grab/Comp | # of Cont |   |   |   |  |  |  |  |  |  |                                                                   |                                                 |  | Sample Comments |  |
| SW-66 (4.0')          |                                                                     |                      | 8/18/2023                        |                                                                     | X          |                                                                     | Comp      | 1         | X | X | X |  |  |  |  |  |  |                                                                   |                                                 |  |                 |  |
| SW-67 (4.0')          |                                                                     |                      | 8/18/2023                        |                                                                     | X          |                                                                     | Comp      | 1         | X | X | X |  |  |  |  |  |  |                                                                   |                                                 |  |                 |  |
| SW-68 (4.0')          |                                                                     |                      | 8/18/2023                        |                                                                     | X          |                                                                     | Comp      | 1         | X | X | X |  |  |  |  |  |  |                                                                   |                                                 |  |                 |  |
| SW-69 (4.0')          |                                                                     |                      | 8/18/2023                        |                                                                     | X          |                                                                     | Comp      | 1         | X | X | X |  |  |  |  |  |  |                                                                   |                                                 |  |                 |  |
| SW-70 (4.0')          |                                                                     |                      | 8/18/2023                        |                                                                     | X          |                                                                     | Comp      | 1         | X | X | X |  |  |  |  |  |  |                                                                   |                                                 |  |                 |  |
| SW-71 (4.0')          |                                                                     |                      | 8/18/2023                        |                                                                     | X          |                                                                     | Comp      | 1         | X | X | X |  |  |  |  |  |  |                                                                   |                                                 |  |                 |  |
| SW-72 (4.0')          |                                                                     |                      | 8/18/2023                        |                                                                     | X          |                                                                     | Comp      | 1         | X | X | X |  |  |  |  |  |  |                                                                   |                                                 |  |                 |  |
| SW-73 (2.5')          |                                                                     |                      | 8/18/2023                        |                                                                     | X          |                                                                     | Comp      | 1         | X | X | X |  |  |  |  |  |  |                                                                   |                                                 |  |                 |  |
| SW-74 (1.5')          |                                                                     |                      | 8/18/2023                        |                                                                     | X          |                                                                     | Comp      | 1         | X | X | X |  |  |  |  |  |  |                                                                   |                                                 |  |                 |  |
| SW-75 (1.5')          |                                                                     |                      | 8/18/2023                        |                                                                     | X          |                                                                     | Comp      | 1         | X | X | X |  |  |  |  |  |  |                                                                   |                                                 |  |                 |  |

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

|                              |  |              |                          |  |           |
|------------------------------|--|--------------|--------------------------|--|-----------|
| Relinquished by: (Signature) |  | Date/Time    | Received by: (Signature) |  | Date/Time |
| <i>James Kennedy</i>         |  | 8-18-23 1640 | <i>James Kennedy</i>     |  |           |



## Chain of Custody

Work Order No: A234517

Page 13 of 14

|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, Tx 79706              |
| Phone:           | 432-813-6823          | Email:                  | James_Kennedy@eogresources.com |

| <b>Work Order Comments</b> |                          |                              |                                      |                              |                               |
|----------------------------|--------------------------|------------------------------|--------------------------------------|------------------------------|-------------------------------|
| <b>Program:</b>            | UST/PST                  | <input type="checkbox"/> PRP | <input type="checkbox"/> Brownfields | <input type="checkbox"/> IRC | <input type="checkbox"/> Fund |
| <b>State of Project:</b>   |                          |                              |                                      |                              |                               |
| <b>Reporting Level II</b>  | <input type="checkbox"/> | <b>Level III</b>             | <input type="checkbox"/>             | <b>ST/UST</b>                | <input type="checkbox"/> RRP  |
| <b>Deliverables:</b>       | EDD                      | <input type="checkbox"/>     | Adapt                                | <input type="checkbox"/>     | Other: _____                  |

| Project Name:         |                        | Antenu New Riser Spill (06.11.23)                                                |                                                                                | Turn Around |                                                                                  | ANALYSIS REQUEST             |           |   |   |    |  |  |  |  |  |  |                                                 | Preservative Codes         |  |                 |
|-----------------------|------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------|------------------------------|-----------|---|---|----|--|--|--|--|--|--|-------------------------------------------------|----------------------------|--|-----------------|
| Project Number:       | 2054                   | <input type="checkbox"/> Routine                                                 | <input checked="" type="checkbox"/> Rush                                       | Pres. Code  |                                                                                  |                              |           |   |   |    |  |  |  |  |  |  | None: NO                                        | DI Water: H <sub>2</sub> O |  |                 |
| Project Location      | Lea County, New Mexico | Due Date:                                                                        | 24 Hours                                                                       |             |                                                                                  |                              |           |   |   |    |  |  |  |  |  |  | Cool: Cool                                      | MeOH: Me                   |  |                 |
| Sampler's Name:       | MM                     |                                                                                  |                                                                                |             |                                                                                  |                              |           |   |   |    |  |  |  |  |  |  | HCL: HC                                         | HNO <sub>3</sub> : HN      |  |                 |
| PO #:                 |                        |                                                                                  |                                                                                |             |                                                                                  |                              |           |   |   |    |  |  |  |  |  |  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> | NaOH: Na                   |  |                 |
| SAMPLE RECEIPT        |                        | Temp Blank:                                                                      | Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> | Wet Ice:    | (Yes) <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> | Parameters                   |           |   |   |    |  |  |  |  |  |  |                                                 |                            |  |                 |
| Received Impact:      |                        | (Yes) <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> | Thermometer ID:                                                                |             |                                                                                  | BTEx 8021B                   |           |   |   |    |  |  |  |  |  |  |                                                 |                            |  |                 |
| Cooler Custody Seals: |                        | Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>   | Correction Factor:                                                             |             |                                                                                  | TPH 8015M ( GRO + DRO + MRO) |           |   |   |    |  |  |  |  |  |  |                                                 |                            |  |                 |
| Sample Custody Seals: |                        | Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>   | Temperature Reading:                                                           |             |                                                                                  | Chloride 4500                |           |   |   |    |  |  |  |  |  |  |                                                 |                            |  |                 |
| Total Containers:     |                        |                                                                                  | Corrected Temperature:                                                         |             |                                                                                  |                              |           |   |   |    |  |  |  |  |  |  |                                                 |                            |  |                 |
| Sample Identification |                        | Date                                                                             | Time                                                                           | Soil        | Water                                                                            | Grab/Comp                    | # of Cont |   |   |    |  |  |  |  |  |  |                                                 |                            |  | Sample Comments |
| SW-76 (2.5)           |                        | 8/18/2023                                                                        |                                                                                | X           |                                                                                  | Comp                         | 1         | X | X | X  |  |  |  |  |  |  |                                                 |                            |  |                 |
| SW-77 (4.0)           |                        | 8/18/2023                                                                        |                                                                                | X           |                                                                                  | Comp                         | 1         | X | X | X  |  |  |  |  |  |  |                                                 |                            |  |                 |
| SW-78 (2.5)           |                        | 8/18/2023                                                                        |                                                                                | X           |                                                                                  | Comp                         | 1         | X | X | X  |  |  |  |  |  |  |                                                 |                            |  |                 |
| SW-79 (2.5)           |                        | 8/18/2023                                                                        |                                                                                | X           |                                                                                  | Comp                         | 1         | X | X | -X |  |  |  |  |  |  |                                                 |                            |  |                 |
| SW-80 (2.0)           |                        | 8/18/2023                                                                        |                                                                                | X           |                                                                                  | Comp                         | 1         | X | X | X  |  |  |  |  |  |  |                                                 |                            |  |                 |
| SW-81 (2.0)           |                        | 8/18/2023                                                                        |                                                                                | X           |                                                                                  | Comp                         | 1         | X | X | X  |  |  |  |  |  |  |                                                 |                            |  |                 |
| SW-82 (2.0)           |                        | 8/18/2023                                                                        |                                                                                | X           |                                                                                  | Comp                         | 1         | X | X | X  |  |  |  |  |  |  |                                                 |                            |  |                 |
| SW-83 (2.0)           |                        | 8/18/2023                                                                        |                                                                                | X           |                                                                                  | Comp                         | 1         | X | X | X  |  |  |  |  |  |  |                                                 |                            |  |                 |
| SW-84 (2.0)           |                        | 8/18/2023                                                                        |                                                                                | X           |                                                                                  | Comp                         | 1         | X | X | X  |  |  |  |  |  |  |                                                 |                            |  |                 |
| SW-85 (2.0)           |                        | 8/18/2023                                                                        |                                                                                | X           |                                                                                  | Comp                         | 1         | X | X | X  |  |  |  |  |  |  |                                                 |                            |  |                 |

**Comments:** Email to Mike Carmona / [Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com) and Conner Moehring / [Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)

| Relinquished by: (Signature)                                                      | Date/Time     | Received by: (Signature)                                                           | Date/Time |
|-----------------------------------------------------------------------------------|---------------|------------------------------------------------------------------------------------|-----------|
|  | 8-18-23 16:40 |  |           |

Chain of Custody

Work Order No: H234517

Page 14 of 14

|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                                |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                            |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Superfund <input type="checkbox"/>     |  |
| State of Project:                                                                                                                                                              |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> UST/UST <input type="checkbox"/> PRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                               |  |

|                       |                                                                     |                        |                                                                           |             |                                                                     |           |                                                                     |   |   |   |  |  |  |  |  |                                                                   |                                                 |                            |                 |                                     |  |
|-----------------------|---------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------|-------------|---------------------------------------------------------------------|-----------|---------------------------------------------------------------------|---|---|---|--|--|--|--|--|-------------------------------------------------------------------|-------------------------------------------------|----------------------------|-----------------|-------------------------------------|--|
| Project Name:         | Antero New Riser Spill (06.11.23)                                   | Turn Around            | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | Pres. Code  | ANALYSIS REQUEST                                                    |           |                                                                     |   |   |   |  |  |  |  |  |                                                                   | Preservative Codes                              |                            |                 |                                     |  |
| Project Number:       | 2054                                                                | Due Date:              | 24 Hours                                                                  |             |                                                                     |           |                                                                     |   |   |   |  |  |  |  |  |                                                                   | None: NO                                        | DI Water: H <sub>2</sub> O |                 |                                     |  |
| Project Location:     | Lea County, New Mexico                                              |                        | 3 Days                                                                    |             |                                                                     |           |                                                                     |   |   |   |  |  |  |  |  |                                                                   | Cool: Cool                                      | MeOH: Me                   |                 |                                     |  |
| Sampler's Name:       | MM                                                                  |                        |                                                                           |             |                                                                     |           |                                                                     |   |   |   |  |  |  |  |  |                                                                   | HCL: HC                                         | HNO <sub>3</sub> : HN      |                 |                                     |  |
| PO #:                 |                                                                     |                        |                                                                           |             |                                                                     |           |                                                                     |   |   |   |  |  |  |  |  |                                                                   | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> | NaOH: Na                   |                 |                                     |  |
| SAMPLE RECEIPT        |                                                                     |                        |                                                                           | Temp Blank: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |   |   |   |  |  |  |  |  |                                                                   |                                                 |                            |                 | H <sub>3</sub> PO <sub>4</sub> : HP |  |
| Received Intact:      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID:        | 140                                                                       |             |                                                                     |           |                                                                     |   |   |   |  |  |  |  |  | NaHSO <sub>4</sub> : NABIS                                        |                                                 |                            |                 |                                     |  |
| Coder Custody Seals:  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor:     | 4.9%                                                                      |             |                                                                     |           |                                                                     |   |   |   |  |  |  |  |  | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |                                                 |                            |                 |                                     |  |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Temperature Reading:   | 4.9%                                                                      |             |                                                                     |           |                                                                     |   |   |   |  |  |  |  |  | Zn Acetate+NaOH: Zn                                               |                                                 |                            |                 |                                     |  |
| Total Containers:     |                                                                     | Corrected Temperature: |                                                                           |             |                                                                     |           |                                                                     |   |   |   |  |  |  |  |  | NaOH+Ascorbic Acid: SAPC                                          |                                                 |                            |                 |                                     |  |
| Sample Identification | Date                                                                | Time                   | Soil                                                                      | Water       | Grab/Comp                                                           | # of Cont |                                                                     |   |   |   |  |  |  |  |  |                                                                   |                                                 |                            | Sample Comments |                                     |  |
| SW-86 (2.0')          | 8/18/2023                                                           |                        | X                                                                         |             | Comp                                                                | 1         | X                                                                   | X | X | X |  |  |  |  |  |                                                                   |                                                 |                            |                 |                                     |  |
| SW-87 (2.0')          | 8/18/2023                                                           |                        | X                                                                         |             | Comp                                                                | 1         | X                                                                   | X | X | X |  |  |  |  |  |                                                                   |                                                 |                            |                 |                                     |  |
| SW-88 (2.0')          | 8/18/2023                                                           |                        | X                                                                         |             | Comp                                                                | 1         | X                                                                   | X | X | X |  |  |  |  |  |                                                                   |                                                 |                            |                 |                                     |  |
| SW-89 (1.5')          | 8/18/2023                                                           |                        | X                                                                         |             | Comp                                                                | 1         | X                                                                   | X | X | X |  |  |  |  |  |                                                                   |                                                 |                            |                 |                                     |  |
| SW-90 (4.25')         | 8/18/2023                                                           |                        | X                                                                         |             | Comp                                                                | 1         | X                                                                   | X | X | X |  |  |  |  |  |                                                                   |                                                 |                            |                 |                                     |  |

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

|                                                                                  |              |                                                                                     |           |
|----------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|-----------|
| Relinquished by: (Signature)                                                     | Date/Time    | Received by: (Signature)                                                            | Date/Time |
|  | 8-18-23 1640 |  |           |





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

---

August 22, 2023

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: ANTERO NEW RISER SPILL (06.11.23)

Enclosed are the results of analyses for samples received by the laboratory on 08/21/23 16:16.

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/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/21/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 159 (4.25') (H234530-01)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 1.95 | 97.6       | 2.00          | 1.28 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.15 | 107        | 2.00          | 3.07 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.20 | 110        | 2.00          | 3.92 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.65 | 111        | 6.00          | 4.05 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 496    | 16.0            | 08/22/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/21/2023 | ND              | 163 | 81.7       | 200           | 6.30 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 149 | 74.6       | 200           | 5.60 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 55.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 56.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/21/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 160 (4.25') (H234530-02)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 1.95 | 97.6       | 2.00          | 1.28 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.15 | 107        | 2.00          | 3.07 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.20 | 110        | 2.00          | 3.92 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.65 | 111        | 6.00          | 4.05 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 1760   | 16.0            | 08/22/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/21/2023 | ND              | 163 | 81.7       | 200           | 6.30 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 149 | 74.6       | 200           | 5.60 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 49.1-148

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**Analytical Results For:**

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

Received: 08/21/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 161 (4.25') (H234530-03)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 1.95 | 97.6       | 2.00          | 1.28 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.15 | 107        | 2.00          | 3.07 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.20 | 110        | 2.00          | 3.92 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.65 | 111        | 6.00          | 4.05 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 272    | 16.0            | 08/22/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/21/2023 | ND              | 163 | 81.7       | 200           | 6.30 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 149 | 74.6       | 200           | 5.60 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 67.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/21/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 162 (4.25') (H234530-04)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 1.95 | 97.6       | 2.00          | 1.28 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.15 | 107        | 2.00          | 3.07 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.20 | 110        | 2.00          | 3.92 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.65 | 111        | 6.00          | 4.05 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 1730   | 16.0            | 08/22/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/21/2023 | ND              | 163 | 81.7       | 200           | 6.30 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 149 | 74.6       | 200           | 5.60 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 67.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.5 % 49.1-148

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**Analytical Results For:**

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

Received: 08/21/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 163 (4.25') (H234530-05)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 1.95 | 97.6       | 2.00          | 1.28 |           |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.15 | 107        | 2.00          | 3.07 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.20 | 110        | 2.00          | 3.92 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.65 | 111        | 6.00          | 4.05 |           |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 160    | 16.0            | 08/22/2023 | ND              | 416 | 104        | 400           | 3.77 |           |

| 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            | 08/21/2023 | ND              | 163 | 81.7       | 200           | 6.30 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 149 | 74.6       | 200           | 5.60 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/21/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 164 (4.25') (H234530-06)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 1.95 | 97.6       | 2.00          | 1.28 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.15 | 107        | 2.00          | 3.07 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.20 | 110        | 2.00          | 3.92 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.65 | 111        | 6.00          | 4.05 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 416    | 16.0            | 08/22/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/21/2023 | ND              | 172 | 86.0       | 200           | 2.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 177 | 88.6       | 200           | 2.58 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

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

Received: 08/21/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 165 (4.25') (H234530-07)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 1.95 | 97.6       | 2.00          | 1.28 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.15 | 107        | 2.00          | 3.07 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.20 | 110        | 2.00          | 3.92 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.65 | 111        | 6.00          | 4.05 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 112    | 16.0            | 08/22/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/21/2023 | ND              | 172 | 86.0       | 200           | 2.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 177 | 88.6       | 200           | 2.58 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/21/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 166 (4.25') (H234530-08)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 1.95 | 97.6       | 2.00          | 1.28 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.15 | 107        | 2.00          | 3.07 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.20 | 110        | 2.00          | 3.92 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.65 | 111        | 6.00          | 4.05 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 1070   | 16.0            | 08/22/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/21/2023 | ND              | 172 | 86.0       | 200           | 2.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 177 | 88.6       | 200           | 2.58 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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**Analytical Results For:**

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

Received: 08/21/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 167 (4.25') (H234530-09)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 1.95 | 97.6       | 2.00          | 1.28 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.15 | 107        | 2.00          | 3.07 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.20 | 110        | 2.00          | 3.92 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.65 | 111        | 6.00          | 4.05 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 80.0   | 16.0            | 08/22/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/21/2023 | ND              | 172 | 86.0       | 200           | 2.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 177 | 88.6       | 200           | 2.58 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

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

Received: 08/21/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 168 (4.25') (H234530-10)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 1.95 | 97.6       | 2.00          | 1.28 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.15 | 107        | 2.00          | 3.07 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.20 | 110        | 2.00          | 3.92 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.65 | 111        | 6.00          | 4.05 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 1390   | 16.0            | 08/22/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/21/2023 | ND              | 172 | 86.0       | 200           | 2.27 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 177 | 88.6       | 200           | 2.58 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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**Analytical Results For:**

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

Received: 08/21/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 169 (4.25') (H234530-11)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 1.95 | 97.6       | 2.00          | 1.28 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.15 | 107        | 2.00          | 3.07 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.20 | 110        | 2.00          | 3.92 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.65 | 111        | 6.00          | 4.05 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 144    | 16.0            | 08/22/2023 | ND              | 416 | 104        | 400           | 3.77 |           |

| 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            | 08/21/2023 | ND              | 175 | 87.7       | 200           | 3.75 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 183 | 91.7       | 200           | 1.57 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 59.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/21/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 170 (4.25') (H234530-12)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 1.95 | 97.6       | 2.00          | 1.28 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.15 | 107        | 2.00          | 3.07 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.20 | 110        | 2.00          | 3.92 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.65 | 111        | 6.00          | 4.05 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 2400   | 16.0            | 08/22/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/21/2023 | ND              | 175 | 87.7       | 200           | 3.75 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 183 | 91.7       | 200           | 1.57 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

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

Received: 08/21/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 91 (2.75') (H234530-13)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 1.95 | 97.6       | 2.00          | 1.28 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.15 | 107        | 2.00          | 3.07 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.20 | 110        | 2.00          | 3.92 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.65 | 111        | 6.00          | 4.05 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 192    | 16.0            | 08/22/2023 | ND              | 416 | 104        | 400           | 3.77 |           |

| 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            | 08/21/2023 | ND              | 175 | 87.7       | 200           | 3.75 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 183 | 91.7       | 200           | 1.57 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 76.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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**Analytical Results For:**

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

Received: 08/21/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 92 (1.5') (H234530-14)**

| 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           | 08/21/2023 | ND              | 1.95 | 97.6       | 2.00          | 1.28 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.15 | 107        | 2.00          | 3.07 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.20 | 110        | 2.00          | 3.92 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.65 | 111        | 6.00          | 4.05 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 128    | 16.0            | 08/22/2023 | ND              | 416 | 104        | 400           | 3.77 |           |

| 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            | 08/21/2023 | ND              | 175 | 87.7       | 200           | 3.75 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 183 | 91.7       | 200           | 1.57 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 70.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.2 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/21/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW -93 (4.25') (H234530-15)**

| 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           | 08/21/2023 | ND              | 1.95 | 97.6       | 2.00          | 1.28 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/21/2023 | ND              | 2.15 | 107        | 2.00          | 3.07 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/21/2023 | ND              | 2.20 | 110        | 2.00          | 3.92 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/21/2023 | ND              | 6.65 | 111        | 6.00          | 4.05 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/21/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 08/22/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/21/2023 | ND              | 175 | 87.7       | 200           | 3.75 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 183 | 91.7       | 200           | 1.57 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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**Analytical Results For:**

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

Received: 08/21/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW -94 (4.25') (H234530-16)**

| 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           | 08/22/2023 | ND              | 1.95 | 97.6       | 2.00          | 1.28 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/22/2023 | ND              | 2.15 | 107        | 2.00          | 3.07 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/22/2023 | ND              | 2.20 | 110        | 2.00          | 3.92 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/22/2023 | ND              | 6.65 | 111        | 6.00          | 4.05 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/22/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 08/22/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/21/2023 | ND              | 159 | 79.7       | 200           | 6.41 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 176 | 88.1       | 200           | 5.92 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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**Analytical Results For:**

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

Received: 08/21/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW -95 (4.25') (H234530-17)**

| 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           | 08/22/2023 | ND              | 1.95 | 97.6       | 2.00          | 1.28 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/22/2023 | ND              | 2.15 | 107        | 2.00          | 3.07 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/22/2023 | ND              | 2.20 | 110        | 2.00          | 3.92 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/22/2023 | ND              | 6.65 | 111        | 6.00          | 4.05 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/22/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 08/22/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/21/2023 | ND              | 159 | 79.7       | 200           | 6.41 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 176 | 88.1       | 200           | 5.92 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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**Analytical Results For:**

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

Received: 08/21/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW -96 (2.75') (H234530-18)**

| 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           | 08/22/2023 | ND              | 1.95 | 97.6       | 2.00          | 1.28 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/22/2023 | ND              | 2.15 | 107        | 2.00          | 3.07 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/22/2023 | ND              | 2.20 | 110        | 2.00          | 3.92 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/22/2023 | ND              | 6.65 | 111        | 6.00          | 4.05 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/22/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/22/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/21/2023 | ND              | 159 | 79.7       | 200           | 6.41 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 176 | 88.1       | 200           | 5.92 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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**Analytical Results For:**

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

Received: 08/21/2023  
 Reported: 08/22/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW -97 (2.75') (H234530-19)**

| 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           | 08/22/2023 | ND              | 1.95 | 97.6       | 2.00          | 1.28 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/22/2023 | ND              | 2.15 | 107        | 2.00          | 3.07 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/22/2023 | ND              | 2.20 | 110        | 2.00          | 3.92 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/22/2023 | ND              | 6.65 | 111        | 6.00          | 4.05 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/22/2023 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 368    | 16.0            | 08/22/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/21/2023 | ND              | 159 | 79.7       | 200           | 6.41 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/21/2023 | ND              | 176 | 88.1       | 200           | 5.92 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/21/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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### Notes and Definitions

|     |                                                                                                                                                                |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ND  | Analyte NOT DETECTED at or above the reporting limit                                                                                                           |
| RPD | Relative Percent Difference                                                                                                                                    |
| **  | Samples not received at proper temperature of 6°C or below.                                                                                                    |
| *** | Insufficient time to reach temperature.                                                                                                                        |
| -   | Chloride by SM4500Cl-B does not require samples be received at or below 6°C<br>Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in cursive script, appearing to read "C. D. Keene", written in black ink.

---

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 4234530

Page 1 of 2

|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                           |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> ROWfields <input type="checkbox"/> RC <input type="checkbox"/> Perturb <input type="checkbox"/>        |  |
| State of Project:                                                                                                                                                             |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                              |  |

|                       |                                                                         |                        |                                                                           |             |                                                                     |           |                                                                     |            |   |  |  |  |  |  |  |  |                                                 |                            |  |
|-----------------------|-------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------|-------------|---------------------------------------------------------------------|-----------|---------------------------------------------------------------------|------------|---|--|--|--|--|--|--|--|-------------------------------------------------|----------------------------|--|
| Project Name:         | Antero New Riser Spill (06.11.23)                                       | Turn Around            | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | Pres. Code  | ANALYSIS REQUEST                                                    |           |                                                                     |            |   |  |  |  |  |  |  |  | Preservative Codes                              |                            |  |
| Project Number:       | 2054                                                                    |                        |                                                                           |             |                                                                     |           |                                                                     |            |   |  |  |  |  |  |  |  | None: NO                                        | DI Water: H <sub>2</sub> O |  |
| Project Location:     | Lea County, New Mexico                                                  | Due Date:              | 24 Hours                                                                  |             |                                                                     |           |                                                                     |            |   |  |  |  |  |  |  |  | Cool: Cool                                      | MeOH: Me                   |  |
| Sampler's Name:       | MM                                                                      |                        |                                                                           |             |                                                                     |           |                                                                     |            |   |  |  |  |  |  |  |  | HCL: HC                                         | HNO <sub>3</sub> : HN      |  |
| PO #:                 |                                                                         |                        |                                                                           |             |                                                                     |           |                                                                     |            |   |  |  |  |  |  |  |  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> | NaOH: Na                   |  |
| SAMPLE RECEIPT        |                                                                         |                        |                                                                           | Temp Blank: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Parameters |   |  |  |  |  |  |  |  |                                                 |                            |  |
| Received Intact:      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>     | Thermometer ID:        | 146                                                                       |             |                                                                     |           |                                                                     |            |   |  |  |  |  |  |  |  |                                                 |                            |  |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Correction Factor:     | 5.6°C                                                                     |             |                                                                     |           |                                                                     |            |   |  |  |  |  |  |  |  |                                                 |                            |  |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Temperature Reading:   | 5.6°C                                                                     |             |                                                                     |           |                                                                     |            |   |  |  |  |  |  |  |  |                                                 |                            |  |
| Total Containers:     |                                                                         | Corrected Temperature: |                                                                           |             |                                                                     |           |                                                                     |            |   |  |  |  |  |  |  |  |                                                 |                            |  |
| Sample Identification | Date                                                                    | Time                   | Soil                                                                      | Water       | Grab/Comp                                                           | # of Cont |                                                                     |            |   |  |  |  |  |  |  |  | Sample Comments                                 |                            |  |
| CS-159 (4.25)         | 8/21/2023                                                               |                        | X                                                                         |             | Comp                                                                | 1         | X                                                                   | X          | X |  |  |  |  |  |  |  |                                                 |                            |  |
| CS-160 (4.25)         | 8/21/2023                                                               |                        | X                                                                         |             | Comp                                                                | 1         | X                                                                   | X          | X |  |  |  |  |  |  |  |                                                 |                            |  |
| CS-161 (4.25)         | 8/21/2023                                                               |                        | X                                                                         |             | Comp                                                                | 1         | X                                                                   | X          | X |  |  |  |  |  |  |  |                                                 |                            |  |
| CS-162 (4.25)         | 8/21/2023                                                               |                        | X                                                                         |             | Comp                                                                | 1         | X                                                                   | X          | X |  |  |  |  |  |  |  |                                                 |                            |  |
| CS-163 (4.25)         | 8/21/2023                                                               |                        | X                                                                         |             | Comp                                                                | 1         | X                                                                   | X          | X |  |  |  |  |  |  |  |                                                 |                            |  |
| CS-164 (4.25)         | 8/21/2023                                                               |                        | X                                                                         |             | Comp                                                                | 1         | X                                                                   | X          | X |  |  |  |  |  |  |  |                                                 |                            |  |
| CS-165 (4.25)         | 8/21/2023                                                               |                        | X                                                                         |             | Comp                                                                | 1         | X                                                                   | X          | X |  |  |  |  |  |  |  |                                                 |                            |  |
| CS-166 (4.25)         | 8/21/2023                                                               |                        | X                                                                         |             | Comp                                                                | 1         | X                                                                   | X          | X |  |  |  |  |  |  |  |                                                 |                            |  |
| CS-167 (4.25)         | 8/21/2023                                                               |                        | X                                                                         |             | Comp                                                                | 1         | X                                                                   | X          | X |  |  |  |  |  |  |  |                                                 |                            |  |
| CS-168 (4.25)         | 8/21/2023                                                               |                        | X                                                                         |             | Comp                                                                | 1         | X                                                                   | X          | X |  |  |  |  |  |  |  |                                                 |                            |  |

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

|                                                                                  |              |                                                                                     |           |
|----------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|-----------|
| Relinquished by: (Signature)                                                     | Date/Time    | Received by: (Signature)                                                            | Date/Time |
|  | 8-21-23 1616 |  |           |



**Work Order No:**

4234530

Page 2 of 2

| Work Order Comments                                                                                                                                                                                |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Program: UST/PT <input type="checkbox"/> RRP <input type="checkbox"/> brownfields <input type="checkbox"/> IRC <input type="checkbox"/> <input type="checkbox"/> Iperfund <input type="checkbox"/> |  |
| State of Project:                                                                                                                                                                                  |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>                      |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                                                   |  |

| Turn Around           |  |                                   |  |                                                                              |  | ANALYSIS REQUEST                        |  |          |  |                                         |  |           |  |           |  | Preservative Codes                                          |  |  |  |
|-----------------------|--|-----------------------------------|--|------------------------------------------------------------------------------|--|-----------------------------------------|--|----------|--|-----------------------------------------|--|-----------|--|-----------|--|-------------------------------------------------------------|--|--|--|
| Project Name:         |  | Antero New Riser Spill (06.11.23) |  | <input type="checkbox"/> Routine<br><input checked="" type="checkbox"/> Rush |  | Proj. Code                              |  |          |  |                                         |  |           |  |           |  | None: NO<br>DI Water: H <sub>2</sub> O                      |  |  |  |
| Project Number:       |  | 2054                              |  |                                                                              |  |                                         |  |          |  |                                         |  |           |  |           |  | Cool: Cool<br>MeOH: Me                                      |  |  |  |
| Project Location:     |  | Lea County, New Mexico            |  | Due Date:                                                                    |  | 24 Hours                                |  |          |  |                                         |  |           |  |           |  | HCL: HC<br>HNO <sub>3</sub> : HN                            |  |  |  |
| Sampler's Name:       |  | MM                                |  |                                                                              |  |                                         |  |          |  |                                         |  |           |  |           |  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub><br>NaOH: Na |  |  |  |
| PO #:                 |  |                                   |  |                                                                              |  |                                         |  |          |  |                                         |  |           |  |           |  | H <sub>3</sub> PO <sub>4</sub> : HP                         |  |  |  |
| SAMPLE RECEIPT        |  |                                   |  | Temp Blank:                                                                  |  | Yes <input checked="" type="radio"/> No |  | Wet Ice: |  | Yes <input checked="" type="radio"/> No |  |           |  |           |  |                                                             |  |  |  |
| Received In tact:     |  |                                   |  | Yes <input checked="" type="radio"/> No                                      |  | Thermometer ID:                         |  | 140      |  |                                         |  |           |  |           |  |                                                             |  |  |  |
| Cooler Custody Seals: |  |                                   |  | Yes <input checked="" type="radio"/> No                                      |  | Correction Factor:                      |  | N/A      |  |                                         |  |           |  |           |  |                                                             |  |  |  |
| Sample Custody Seals: |  |                                   |  | Yes <input checked="" type="radio"/> No                                      |  | Temperature Reading:                    |  | 5.6°C    |  |                                         |  |           |  |           |  |                                                             |  |  |  |
| Total Containers:     |  |                                   |  |                                                                              |  | Corrected Temperature:                  |  | 1        |  |                                         |  |           |  |           |  |                                                             |  |  |  |
| Sample Identification |  |                                   |  | Date                                                                         |  | Time                                    |  | Soil     |  | Water                                   |  | Grab/Comp |  | # of Cont |  | Sample Comments                                             |  |  |  |
| CS-169 (4.25)         |  |                                   |  | 8/21/2023                                                                    |  |                                         |  | X        |  |                                         |  | Comp      |  | 1         |  | X X X X                                                     |  |  |  |
| CS-170 (4.25)         |  |                                   |  | 8/21/2023                                                                    |  |                                         |  | X        |  |                                         |  | Comp      |  | 1         |  | X X X X                                                     |  |  |  |
| SW-91 (2.75)          |  |                                   |  | 8/21/2023                                                                    |  |                                         |  | X        |  |                                         |  | Comp      |  | 1         |  | X X X X                                                     |  |  |  |
| SW-92 (1.5)           |  |                                   |  | 8/21/2023                                                                    |  |                                         |  | X        |  |                                         |  | Comp      |  | 1         |  | X X X X                                                     |  |  |  |
| SW-93 (4.25)          |  |                                   |  | 8/21/2023                                                                    |  |                                         |  | X        |  |                                         |  | Comp      |  | 1         |  | X X X X                                                     |  |  |  |
| SW-94 (4.25)          |  |                                   |  | 8/21/2023                                                                    |  |                                         |  | X        |  |                                         |  | Comp      |  | 1         |  | X X X X                                                     |  |  |  |
| SW-95 (4.25)          |  |                                   |  | 8/21/2023                                                                    |  |                                         |  | X        |  |                                         |  | Comp      |  | 1         |  | X X X X                                                     |  |  |  |
| SW-96 (2.75)          |  |                                   |  | 8/21/2023                                                                    |  |                                         |  | X        |  |                                         |  | Comp      |  | 1         |  | X X X X                                                     |  |  |  |
| SW-97 (2.75)          |  |                                   |  | 8/21/2023                                                                    |  |                                         |  | X        |  |                                         |  | Comp      |  | 1         |  | X X X X                                                     |  |  |  |

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

---

August 28, 2023

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: ANTERO NEW RISER SPILL (06.11.23)

Enclosed are the results of analyses for samples received by the laboratory on 08/25/23 8:12.

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/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 171 (1.5') (H234626-01)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/25/2023 | ND              | 2.08 | 104        | 2.00          | 0.562 |           |
| Toluene*       | <0.050 | 0.050           | 08/25/2023 | ND              | 2.11 | 105        | 2.00          | 1.13  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/25/2023 | ND              | 2.06 | 103        | 2.00          | 1.08  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/25/2023 | ND              | 6.27 | 105        | 6.00          | 2.37  |           |
| Total BTEX     | <0.300 | 0.300           | 08/25/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/25/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/25/2023 | ND              | 181 | 90.3       | 200           | 1.65 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 198 | 98.8       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 172 (1.5') (H234626-02)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/25/2023 | ND              | 2.08 | 104        | 2.00          | 0.562 |           |
| Toluene*       | <0.050 | 0.050           | 08/25/2023 | ND              | 2.11 | 105        | 2.00          | 1.13  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/25/2023 | ND              | 2.06 | 103        | 2.00          | 1.08  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/25/2023 | ND              | 6.27 | 105        | 6.00          | 2.37  |           |
| Total BTEx     | <0.300 | 0.300           | 08/25/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/25/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/25/2023 | ND              | 181 | 90.3       | 200           | 1.65 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 198 | 98.8       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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\*=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: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 173 (1.5') (H234626-03)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/25/2023 | ND              | 2.08 | 104        | 2.00          | 0.562 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/25/2023 | ND              | 2.11 | 105        | 2.00          | 1.13  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/25/2023 | ND              | 2.06 | 103        | 2.00          | 1.08  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/25/2023 | ND              | 6.27 | 105        | 6.00          | 2.37  |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/25/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 08/25/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/25/2023 | ND              | 181 | 90.3       | 200           | 1.65 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 198 | 98.8       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 174 (1.5') (H234626-04)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/25/2023 | ND              | 2.08 | 104        | 2.00          | 0.562 |           |
| Toluene*       | <0.050 | 0.050           | 08/25/2023 | ND              | 2.11 | 105        | 2.00          | 1.13  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/25/2023 | ND              | 2.06 | 103        | 2.00          | 1.08  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/25/2023 | ND              | 6.27 | 105        | 6.00          | 2.37  |           |
| Total BTEX     | <0.300 | 0.300           | 08/25/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 16.0   | 16.0            | 08/25/2023 | ND              | 416 | 104        | 400           | 3.77 |           |

| 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            | 08/25/2023 | ND              | 181 | 90.3       | 200           | 1.65 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 198 | 98.8       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 175 (3') (H234626-05)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/25/2023 | ND              | 2.08 | 104        | 2.00          | 0.562 |           |
| Toluene*       | <0.050 | 0.050           | 08/25/2023 | ND              | 2.11 | 105        | 2.00          | 1.13  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/25/2023 | ND              | 2.06 | 103        | 2.00          | 1.08  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/25/2023 | ND              | 6.27 | 105        | 6.00          | 2.37  |           |
| Total BTEX     | <0.300 | 0.300           | 08/25/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16.0   | 16.0            | 08/25/2023 | ND              | 416 | 104        | 400           | 3.77 |           |  |

| 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            | 08/25/2023 | ND              | 181 | 90.3       | 200           | 1.65 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 198 | 98.8       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 176 (3') (H234626-06)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.08 | 104        | 2.00          | 0.562 |           |
| Toluene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.11 | 105        | 2.00          | 1.13  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/26/2023 | ND              | 2.06 | 103        | 2.00          | 1.08  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/26/2023 | ND              | 6.27 | 105        | 6.00          | 2.37  |           |
| Total BTEx     | <0.300 | 0.300           | 08/26/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/25/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/25/2023 | ND              | 181 | 90.3       | 200           | 1.65 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 198 | 98.8       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 177 (3') (H234626-07)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.08 | 104        | 2.00          | 0.562 |           |
| Toluene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.11 | 105        | 2.00          | 1.13  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/26/2023 | ND              | 2.06 | 103        | 2.00          | 1.08  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/26/2023 | ND              | 6.27 | 105        | 6.00          | 2.37  |           |
| Total BTX      | <0.300 | 0.300           | 08/26/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/25/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/25/2023 | ND              | 181 | 90.3       | 200           | 1.65 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 198 | 98.8       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 178 (3') (H234626-08)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.08 | 104        | 2.00          | 0.562 |           |
| Toluene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.11 | 105        | 2.00          | 1.13  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/26/2023 | ND              | 2.06 | 103        | 2.00          | 1.08  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/26/2023 | ND              | 6.27 | 105        | 6.00          | 2.37  |           |
| Total BTEx     | <0.300 | 0.300           | 08/26/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/25/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/25/2023 | ND              | 181 | 90.3       | 200           | 1.65 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 198 | 98.8       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 179 (3') (H234626-09)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.08 | 104        | 2.00          | 0.562 |           |
| Toluene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.11 | 105        | 2.00          | 1.13  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/26/2023 | ND              | 2.06 | 103        | 2.00          | 1.08  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/26/2023 | ND              | 6.27 | 105        | 6.00          | 2.37  |           |
| Total BTX      | <0.300 | 0.300           | 08/26/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/25/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/25/2023 | ND              | 181 | 90.3       | 200           | 1.65 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 198 | 98.8       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 180 (3') (H234626-10)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.08 | 104        | 2.00          | 0.562 |           |
| Toluene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.11 | 105        | 2.00          | 1.13  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/26/2023 | ND              | 2.06 | 103        | 2.00          | 1.08  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/26/2023 | ND              | 6.27 | 105        | 6.00          | 2.37  |           |
| Total BTX      | <0.300 | 0.300           | 08/26/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/25/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/25/2023 | ND              | 181 | 90.3       | 200           | 1.65 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 198 | 98.8       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 181 (2') (H234626-11)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.08 | 104        | 2.00          | 0.562 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.11 | 105        | 2.00          | 1.13  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/26/2023 | ND              | 2.06 | 103        | 2.00          | 1.08  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/26/2023 | ND              | 6.27 | 105        | 6.00          | 2.37  |           |  |
| Total BTX      | <0.300 | 0.300           | 08/26/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/25/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/25/2023 | ND              | 181 | 90.3       | 200           | 1.65 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 198 | 98.8       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 182 (2') (H234626-12)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.08 | 104        | 2.00          | 0.562 |           |
| Toluene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.11 | 105        | 2.00          | 1.13  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/26/2023 | ND              | 2.06 | 103        | 2.00          | 1.08  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/26/2023 | ND              | 6.27 | 105        | 6.00          | 2.37  |           |
| Total BTEX     | <0.300 | 0.300           | 08/26/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/25/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/25/2023 | ND              | 181 | 90.3       | 200           | 1.65 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 198 | 98.8       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 183 (2') (H234626-13)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.08 | 104        | 2.00          | 0.562 |           |
| Toluene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.11 | 105        | 2.00          | 1.13  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/26/2023 | ND              | 2.06 | 103        | 2.00          | 1.08  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/26/2023 | ND              | 6.27 | 105        | 6.00          | 2.37  |           |
| Total BTEx     | <0.300 | 0.300           | 08/26/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/25/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/25/2023 | ND              | 181 | 90.3       | 200           | 1.65 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 198 | 98.8       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 184 (2') (H234626-14)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.08 | 104        | 2.00          | 0.562 |           |  |
| Toluene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.11 | 105        | 2.00          | 1.13  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/26/2023 | ND              | 2.06 | 103        | 2.00          | 1.08  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/26/2023 | ND              | 6.27 | 105        | 6.00          | 2.37  |           |  |
| Total BTX      | <0.300 | 0.300           | 08/26/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/25/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/25/2023 | ND              | 181 | 90.3       | 200           | 1.65 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 198 | 98.8       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 185 (2') (H234626-15)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.08 | 104        | 2.00          | 0.562 |           |
| Toluene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.11 | 105        | 2.00          | 1.13  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/26/2023 | ND              | 2.06 | 103        | 2.00          | 1.08  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/26/2023 | ND              | 6.27 | 105        | 6.00          | 2.37  |           |
| Total BTX      | <0.300 | 0.300           | 08/26/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/25/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/25/2023 | ND              | 181 | 90.3       | 200           | 1.65 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 198 | 98.8       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 186 (2') (H234626-16)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.08 | 104        | 2.00          | 0.562 |           |
| Toluene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.11 | 105        | 2.00          | 1.13  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/26/2023 | ND              | 2.06 | 103        | 2.00          | 1.08  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/26/2023 | ND              | 6.27 | 105        | 6.00          | 2.37  |           |
| Total BTX      | <0.300 | 0.300           | 08/26/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/25/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/25/2023 | ND              | 181 | 90.3       | 200           | 1.65 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 198 | 98.8       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 98 (3') (H234626-17)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.08 | 104        | 2.00          | 0.562 |           |
| Toluene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.11 | 105        | 2.00          | 1.13  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/26/2023 | ND              | 2.06 | 103        | 2.00          | 1.08  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/26/2023 | ND              | 6.27 | 105        | 6.00          | 2.37  |           |
| Total BTX      | <0.300 | 0.300           | 08/26/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/25/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/25/2023 | ND              | 181 | 90.3       | 200           | 1.65 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 198 | 98.8       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 99 (3') (H234626-18)**

| BTX 8021B      |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.08 | 104        | 2.00          | 0.562 |           |
| Toluene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.11 | 105        | 2.00          | 1.13  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/26/2023 | ND              | 2.06 | 103        | 2.00          | 1.08  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/26/2023 | ND              | 6.27 | 105        | 6.00          | 2.37  |           |
| Total BTX      | <0.300 | 0.300           | 08/26/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/25/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/25/2023 | ND              | 181 | 90.3       | 200           | 1.65 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 198 | 98.8       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 100 (3') (H234626-19)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.08 | 104        | 2.00          | 0.562 |           |
| Toluene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.11 | 105        | 2.00          | 1.13  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/26/2023 | ND              | 2.06 | 103        | 2.00          | 1.08  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/26/2023 | ND              | 6.27 | 105        | 6.00          | 2.37  |           |
| Total BTEx     | <0.300 | 0.300           | 08/26/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/25/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/25/2023 | ND              | 181 | 90.3       | 200           | 1.65 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 198 | 98.8       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 101 (3') (H234626-20)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed By: MS |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.08 | 104        | 2.00          | 0.562 |           |
| Toluene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.11 | 105        | 2.00          | 1.13  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/26/2023 | ND              | 2.06 | 103        | 2.00          | 1.08  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/26/2023 | ND              | 6.27 | 105        | 6.00          | 2.37  |           |
| Total BTEx     | <0.300 | 0.300           | 08/26/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/25/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/25/2023 | ND              | 181 | 90.3       | 200           | 1.65 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 198 | 98.8       | 200           | 2.70 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 102 (2') (H234626-21)**

| BTX 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           | 08/25/2023 | ND              | 1.97 | 98.7       | 2.00          | 2.01  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/25/2023 | ND              | 2.21 | 111        | 2.00          | 1.00  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/25/2023 | ND              | 2.23 | 111        | 2.00          | 0.499 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/25/2023 | ND              | 6.63 | 111        | 6.00          | 0.203 |           |  |
| Total BTX      | <0.300 | 0.300           | 08/25/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/25/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/25/2023 | ND              | 178 | 89.1       | 200           | 0.326 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 178 | 89.0       | 200           | 2.15  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 103 (2') (H234626-22)**

| BTX 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           | 08/25/2023 | ND              | 1.97 | 98.7       | 2.00          | 2.01  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/25/2023 | ND              | 2.21 | 111        | 2.00          | 1.00  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/25/2023 | ND              | 2.23 | 111        | 2.00          | 0.499 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/25/2023 | ND              | 6.63 | 111        | 6.00          | 0.203 |           |  |
| Total BTX      | <0.300 | 0.300           | 08/25/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/25/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/25/2023 | ND              | 178 | 89.1       | 200           | 0.326 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 178 | 89.0       | 200           | 2.15  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 104 (2') (H234626-23)**

| 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           | 08/25/2023 | ND              | 1.97 | 98.7       | 2.00          | 2.01  |           |
| Toluene*       | <0.050 | 0.050           | 08/25/2023 | ND              | 2.21 | 111        | 2.00          | 1.00  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/25/2023 | ND              | 2.23 | 111        | 2.00          | 0.499 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/25/2023 | ND              | 6.63 | 111        | 6.00          | 0.203 |           |
| Total BTEx     | <0.300 | 0.300           | 08/25/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/25/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/25/2023 | ND              | 178 | 89.1       | 200           | 0.326 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 178 | 89.0       | 200           | 2.15  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.3 % 49.1-148

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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 105 (2') (H234626-24)**

| BTX 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           | 08/25/2023 | ND              | 1.97 | 98.7       | 2.00          | 2.01  |           |
| Toluene*       | <0.050 | 0.050           | 08/25/2023 | ND              | 2.21 | 111        | 2.00          | 1.00  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/25/2023 | ND              | 2.23 | 111        | 2.00          | 0.499 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/25/2023 | ND              | 6.63 | 111        | 6.00          | 0.203 |           |
| Total BTX      | <0.300 | 0.300           | 08/25/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/25/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/25/2023 | ND              | 178 | 89.1       | 200           | 0.326 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 178 | 89.0       | 200           | 2.15  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 106 (2') (H234626-25)**

| BTX 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           | 08/25/2023 | ND              | 1.97 | 98.7       | 2.00          | 2.01  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/25/2023 | ND              | 2.21 | 111        | 2.00          | 1.00  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/25/2023 | ND              | 2.23 | 111        | 2.00          | 0.499 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/25/2023 | ND              | 6.63 | 111        | 6.00          | 0.203 |           |  |
| Total BTX      | <0.300 | 0.300           | 08/25/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/25/2023 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| 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            | 08/25/2023 | ND              | 178 | 89.1       | 200           | 0.326 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 178 | 89.0       | 200           | 2.15  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 107 (2') (H234626-26)**

| BTX 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           | 08/25/2023 | ND              | 1.97 | 98.7       | 2.00          | 2.01  |           |
| Toluene*       | <0.050 | 0.050           | 08/25/2023 | ND              | 2.21 | 111        | 2.00          | 1.00  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/25/2023 | ND              | 2.23 | 111        | 2.00          | 0.499 |           |
| Total Xylenes* | <0.150 | 0.150           | 08/25/2023 | ND              | 6.63 | 111        | 6.00          | 0.203 |           |
| Total BTX      | <0.300 | 0.300           | 08/25/2023 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/25/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| 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            | 08/25/2023 | ND              | 178 | 89.1       | 200           | 0.326 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 178 | 89.0       | 200           | 2.15  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 108 (2') (H234626-27)**

| 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           | 08/26/2023 | ND              | 1.97 | 98.7       | 2.00          | 2.01  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.21 | 111        | 2.00          | 1.00  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/26/2023 | ND              | 2.23 | 111        | 2.00          | 0.499 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/26/2023 | ND              | 6.63 | 111        | 6.00          | 0.203 |           |  |
| Total BTEx     | <0.300 | 0.300           | 08/26/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 16.0   | 16.0            | 08/25/2023 | ND              | 432 | 108        | 400           | 3.77 |           |

| 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            | 08/25/2023 | ND              | 178 | 89.1       | 200           | 0.326 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 178 | 89.0       | 200           | 2.15  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 73.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/25/2023  
 Reported: 08/28/2023  
 Project Name: ANTERO NEW RISER SPILL (06.11.23)  
 Project Number: 2054  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 109 (1.5') (H234626-28)**

| 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           | 08/26/2023 | ND              | 1.97 | 98.7       | 2.00          | 2.01  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/26/2023 | ND              | 2.21 | 111        | 2.00          | 1.00  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/26/2023 | ND              | 2.23 | 111        | 2.00          | 0.499 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/26/2023 | ND              | 6.63 | 111        | 6.00          | 0.203 |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/26/2023 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32.0   | 16.0            | 08/25/2023 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed 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            | 08/25/2023 | ND              | 178 | 89.1       | 200           | 0.326 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/25/2023 | ND              | 178 | 89.0       | 200           | 2.15  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/25/2023 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 136 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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### 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 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<br>Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No:

HO34624

Page 1 of 3

|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, Tx 79706              |
| Phone:           | 432-813-6823          | Email:                  | James_Kennedy@eogresources.com |

|                                                                                                                                                                                                                 |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                                                             |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Iperfund <input type="checkbox"/>                                       |  |
| State of Project:                                                                                                                                                                                               |  |
| Reporting Level: I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> PRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                                                                |  |

|                       |                                                                         |                        |                                                                           |           |                                                                     |            |           |                  |   |   |  |  |  |  |  |  |                                                                   |                            |  |                    |  |
|-----------------------|-------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------|-----------|---------------------------------------------------------------------|------------|-----------|------------------|---|---|--|--|--|--|--|--|-------------------------------------------------------------------|----------------------------|--|--------------------|--|
| Project Name:         | Antero New Riser Spill (06.11.23)                                       | Turn Around            | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | Due Date: | 24 Hours                                                            | Pres. Code |           | ANALYSIS REQUEST |   |   |  |  |  |  |  |  |                                                                   |                            |  | Preservative Codes |  |
| Project Number:       | 2054                                                                    |                        |                                                                           |           |                                                                     |            |           |                  |   |   |  |  |  |  |  |  | None: NO                                                          | DI Water: H <sub>2</sub> O |  |                    |  |
| Project Location:     | Lea County, New Mexico                                                  |                        |                                                                           |           |                                                                     |            |           |                  |   |   |  |  |  |  |  |  | Cool: Cool                                                        | MeOH: Me                   |  |                    |  |
| Sampler's Name:       | MM                                                                      |                        |                                                                           |           |                                                                     |            |           |                  |   |   |  |  |  |  |  |  | HCL: HC                                                           | HNO <sub>3</sub> : HN      |  |                    |  |
| PO #:                 |                                                                         |                        |                                                                           |           |                                                                     |            |           |                  |   |   |  |  |  |  |  |  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>                   | NaOH: Na                   |  |                    |  |
| SAMPLE RECEIPT        |                                                                         | Temp Blank:            | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>       | Wet Ice:  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |            |           |                  |   |   |  |  |  |  |  |  | H <sub>3</sub> PO <sub>4</sub> : HP                               |                            |  |                    |  |
| Received Intact:      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>     | Thermometer ID:        |                                                                           |           |                                                                     |            |           |                  |   |   |  |  |  |  |  |  | NaHSO <sub>4</sub> : NABIS                                        |                            |  |                    |  |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Correction Factor:     |                                                                           |           |                                                                     |            |           |                  |   |   |  |  |  |  |  |  | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |                            |  |                    |  |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Temperature Reading:   |                                                                           |           |                                                                     |            |           |                  |   |   |  |  |  |  |  |  | Zn Acetate+NaOH: Zn                                               |                            |  |                    |  |
| Total Containers:     |                                                                         | Corrected Temperature: |                                                                           |           |                                                                     |            |           |                  |   |   |  |  |  |  |  |  | NaOH+Ascorbic Acid: SAPC                                          |                            |  |                    |  |
| Sample Identification |                                                                         | Date                   | Time                                                                      | Soil      | Water                                                               | Grab/Comp  | # of Cont |                  |   |   |  |  |  |  |  |  |                                                                   |                            |  | Sample Comments    |  |
| CS-171 (1.5')         |                                                                         | 8/24/2023              |                                                                           | X         |                                                                     | Comp       | 1         | X                | X | X |  |  |  |  |  |  |                                                                   |                            |  |                    |  |
| CS-172 (1.5')         |                                                                         | 8/24/2023              |                                                                           | X         |                                                                     | Comp       | 1         | X                | X | X |  |  |  |  |  |  |                                                                   |                            |  |                    |  |
| CS-173 (1.5')         |                                                                         | 8/24/2023              |                                                                           | X         |                                                                     | Comp       | 1         | X                | X | X |  |  |  |  |  |  |                                                                   |                            |  |                    |  |
| CS-174 (1.5')         |                                                                         | 8/24/2023              |                                                                           | X         |                                                                     | Comp       | 1         | X                | X | X |  |  |  |  |  |  |                                                                   |                            |  |                    |  |
| CS-175 (3')           |                                                                         | 8/24/2023              |                                                                           | X         |                                                                     | Comp       | 1         | X                | X | X |  |  |  |  |  |  |                                                                   |                            |  |                    |  |
| CS-176 (3')           |                                                                         | 8/24/2023              |                                                                           | X         |                                                                     | Comp       | 1         | X                | X | X |  |  |  |  |  |  |                                                                   |                            |  |                    |  |
| CS-177 (3')           |                                                                         | 8/24/2023              |                                                                           | X         |                                                                     | Comp       | 1         | X                | X | X |  |  |  |  |  |  |                                                                   |                            |  |                    |  |
| CS-178 (3')           |                                                                         | 8/24/2023              |                                                                           | X         |                                                                     | Comp       | 1         | X                | X | X |  |  |  |  |  |  |                                                                   |                            |  |                    |  |
| CS-179 (3')           |                                                                         | 8/24/2023              |                                                                           | X         |                                                                     | Comp       | 1         | X                | X | X |  |  |  |  |  |  |                                                                   |                            |  |                    |  |
| CS-180 (3')           |                                                                         | 8/24/2023              |                                                                           | X         |                                                                     | Comp       | 1         | X                | X | X |  |  |  |  |  |  |                                                                   |                            |  |                    |  |

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

|                                                                                  |              |                                                                                     |           |
|----------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|-----------|
| Relinquished by: (Signature)                                                     | Date/Time    | Received by: (Signature)                                                            | Date/Time |
|  | 8/25/23 0812 |  |           |



Chain of Custody

Work Order No: H234626

Page 2 of 3

|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, TX 79706              |
| Phone:           | 432-813-6823          | Email:                  | James_Kennedy@eogresources.com |

|                                                                                                                                                                                                                 |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                                                             |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Iperfund <input type="checkbox"/>                                       |  |
| State of Project:                                                                                                                                                                                               |  |
| Reporting Level: I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                                                                |  |

|                       |                                                                     |                                  |                                                                     |            |                                                                     |  |  |  |  |  |  |  |  |  |  |  |                                                 |                                                                   |  |
|-----------------------|---------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------|------------|---------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|-------------------------------------------------|-------------------------------------------------------------------|--|
| Project Name:         | Antero New Riser Spill (06.11.23)                                   | Turn Around                      |                                                                     | Pres. Code | ANALYSIS REQUEST                                                    |  |  |  |  |  |  |  |  |  |  |  | Preservative Codes                              |                                                                   |  |
| Project Number:       | 2054                                                                | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush                            |            |                                                                     |  |  |  |  |  |  |  |  |  |  |  | None: NO                                        | DI Water: H <sub>2</sub> O                                        |  |
| Project Location:     | Lea County, New Mexico                                              | Due Date:                        | 24 Hours                                                            |            |                                                                     |  |  |  |  |  |  |  |  |  |  |  | Cool: Cool                                      | MeOH: Me                                                          |  |
| Sampler Name:         | MM                                                                  |                                  |                                                                     |            |                                                                     |  |  |  |  |  |  |  |  |  |  |  | HCL: HC                                         | HNO <sub>3</sub> : HN                                             |  |
| PO #:                 |                                                                     |                                  |                                                                     |            |                                                                     |  |  |  |  |  |  |  |  |  |  |  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> | NaOH: Na                                                          |  |
| SAMPLE RECEIPT        |                                                                     | Temp Blank:                      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |  |  |  |  |  |  |  |  |  |  |  |                                                 | H <sub>3</sub> PO <sub>4</sub> : HP                               |  |
| Received Intact:      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID:                  |                                                                     |            |                                                                     |  |  |  |  |  |  |  |  |  |  |  |                                                 | NaHSO <sub>4</sub> : NABIS                                        |  |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor:               |                                                                     |            |                                                                     |  |  |  |  |  |  |  |  |  |  |  |                                                 | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |  |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Temperature Reading:             |                                                                     |            |                                                                     |  |  |  |  |  |  |  |  |  |  |  |                                                 | Zn Acetate+NaOH: Zn                                               |  |
| Total Containers:     |                                                                     | Corrected Temperature:           |                                                                     |            |                                                                     |  |  |  |  |  |  |  |  |  |  |  |                                                 | NaOH+Ascorbic Acid: SAPC                                          |  |

| Sample Identification | Date      | Time | Soil | Water | Grab/<br>Comp | # of<br>Cont | TPH |   |   |  |  |  |  |  |  |  |  |  |  | Sample Comments |
|-----------------------|-----------|------|------|-------|---------------|--------------|-----|---|---|--|--|--|--|--|--|--|--|--|--|-----------------|
| CS-181 (2')           | 8/24/2023 |      | X    |       | Comp          | 1            | X   | X | X |  |  |  |  |  |  |  |  |  |  |                 |
| CS-182 (2')           | 8/24/2023 |      | X    |       | Comp          | 1            | X   | X | X |  |  |  |  |  |  |  |  |  |  |                 |
| CS-183 (2')           | 8/24/2023 |      | X    |       | Comp          | 1            | X   | X | X |  |  |  |  |  |  |  |  |  |  |                 |
| CS-184 (2')           | 8/24/2023 |      | X    |       | Comp          | 1            | X   | X | X |  |  |  |  |  |  |  |  |  |  |                 |
| CS-185 (2')           | 8/24/2023 |      | X    |       | Comp          | 1            | X   | X | X |  |  |  |  |  |  |  |  |  |  |                 |
| CS-186 (2')           | 8/24/2023 |      | X    |       | Comp          | 1            | X   | X | X |  |  |  |  |  |  |  |  |  |  |                 |
| SW-98 (3')            | 8/24/2023 |      | X    |       | Comp          | 1            | X   | X | X |  |  |  |  |  |  |  |  |  |  |                 |
| SW-99 (3')            | 8/24/2023 |      | X    |       | Comp          | 1            | X   | X | X |  |  |  |  |  |  |  |  |  |  |                 |
| SW-100 (3')           | 8/24/2023 |      | X    |       | Comp          | 1            | X   | X | X |  |  |  |  |  |  |  |  |  |  |                 |
| SW-101 (3')           | 8/24/2023 |      | X    |       | Comp          | 1            | X   | X | X |  |  |  |  |  |  |  |  |  |  |                 |

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

|                              |               |                          |           |
|------------------------------|---------------|--------------------------|-----------|
| Relinquished by: (Signature) | Date/Time     | Received by: (Signature) | Date/Time |
|                              | 8/25/23 08:12 |                          |           |

Chain of Custody

Work Order No:

HA2646296

Page 3 of 3

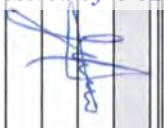
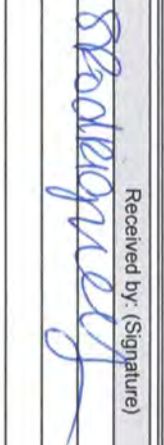
|                  |                       |                         |                                |
|------------------|-----------------------|-------------------------|--------------------------------|
| Project Manager: | Conner Moehring       | Bill to: (if different) | James Kennedy                  |
| Company Name:    | Carmona Resources     | Company Name:           | EOG Resources                  |
| Address:         | 310 W Wall St Ste 500 | Address:                | 5509 Champions Dr              |
| City, State ZIP: | Midland, TX 79701     | City, State ZIP:        | Midland, Tx 79706              |
| Phone:           | 432-813-6823          | Email:                  | James.Kennedy@eogresources.com |

|                                                                                                                                                                                                                |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                                                            |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> JRC <input type="checkbox"/> Refund <input type="checkbox"/>                                       |  |
| State of Project:                                                                                                                                                                                              |  |
| Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                                                               |  |

|                       |                                                                         |                        |                                                                           |            |                                                                     |                  |  |  |  |  |  |  |  |  |  |  |  |                                                                   |                            |
|-----------------------|-------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------|------------|---------------------------------------------------------------------|------------------|--|--|--|--|--|--|--|--|--|--|--|-------------------------------------------------------------------|----------------------------|
| Project Name:         | Antero New Riser Spill (06.11.23)                                       | Turn Around            | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | Pres. Code |                                                                     | ANALYSIS REQUEST |  |  |  |  |  |  |  |  |  |  |  | Preservative Codes                                                |                            |
| Project Number:       | 2054                                                                    |                        |                                                                           |            |                                                                     |                  |  |  |  |  |  |  |  |  |  |  |  | None: NO                                                          | DI Water: H <sub>2</sub> O |
| Project Location:     | Lea County, New Mexico                                                  | Due Date:              | 24 Hours                                                                  |            |                                                                     |                  |  |  |  |  |  |  |  |  |  |  |  | Cool: Cool                                                        | MeOH: Me                   |
| Sampler's Name:       | MM                                                                      |                        |                                                                           |            |                                                                     |                  |  |  |  |  |  |  |  |  |  |  |  | HCL: HC                                                           | HNO <sub>3</sub> : HN      |
| PO #:                 |                                                                         |                        |                                                                           |            |                                                                     |                  |  |  |  |  |  |  |  |  |  |  |  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>                   | NaOH: Na                   |
| SAMPLE RECEIPT        |                                                                         | Temp Blank:            | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>       | Wet Ice:   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |                  |  |  |  |  |  |  |  |  |  |  |  | H <sub>3</sub> PO <sub>4</sub> : HP                               |                            |
| Received Intact:      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>     | Thermometer ID:        | 140                                                                       |            |                                                                     |                  |  |  |  |  |  |  |  |  |  |  |  | NaHSO <sub>4</sub> : NABIS                                        |                            |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Correction Factor:     |                                                                           |            |                                                                     |                  |  |  |  |  |  |  |  |  |  |  |  | Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> |                            |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Temperature Reading:   | -0.5                                                                      |            |                                                                     |                  |  |  |  |  |  |  |  |  |  |  |  | Zn Acetate+NaOH: Zn                                               |                            |
| Total Containers:     |                                                                         | Corrected Temperature: |                                                                           |            |                                                                     |                  |  |  |  |  |  |  |  |  |  |  |  | NaOH+Ascorbic Acid: SAPC                                          |                            |

| Sample Identification | Date      | Time | Soil | Water | Grab/Comp | # of Cont | Parameters                   |  |  |  |  |  |  |  |  |  |  |  | Sample Comments |
|-----------------------|-----------|------|------|-------|-----------|-----------|------------------------------|--|--|--|--|--|--|--|--|--|--|--|-----------------|
| SW-102 (2')           | 8/24/2023 |      | X    |       | Comp      | 1         | BTEX 8021B                   |  |  |  |  |  |  |  |  |  |  |  |                 |
| SW-103 (2')           | 8/24/2023 |      | X    |       | Comp      | 1         | TPH 8015M ( GRO + DRO + MRO) |  |  |  |  |  |  |  |  |  |  |  |                 |
| SW-104 (2')           | 8/24/2023 |      | X    |       | Comp      | 1         | Chloride 4500                |  |  |  |  |  |  |  |  |  |  |  |                 |
| SW-105 (2')           | 8/24/2023 |      | X    |       | Comp      | 1         |                              |  |  |  |  |  |  |  |  |  |  |  |                 |
| SW-106 (2')           | 8/24/2023 |      | X    |       | Comp      | 1         |                              |  |  |  |  |  |  |  |  |  |  |  |                 |
| SW-107 (2')           | 8/24/2023 |      | X    |       | Comp      | 1         |                              |  |  |  |  |  |  |  |  |  |  |  |                 |
| SW-108 (2')           | 8/24/2023 |      | X    |       | Comp      | 1         |                              |  |  |  |  |  |  |  |  |  |  |  |                 |
| SW-109 (1.5')         | 8/24/2023 |      | X    |       | Comp      | 1         |                              |  |  |  |  |  |  |  |  |  |  |  |                 |

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

|                                                                                 |              |                                                                                    |           |
|---------------------------------------------------------------------------------|--------------|------------------------------------------------------------------------------------|-----------|
| Relinquished by: (Signature)                                                    | Date/Time    | Received by: (Signature)                                                           | Date/Time |
|  | 8/25/23 0812 |  |           |



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

QUESTIONS

Action 567459

**QUESTIONS**

|                                                                             |                                                                             |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>5509 Champions Drive<br>Midland, TX 79706 | OGRID:<br>7377                                                              |
|                                                                             | Action Number:<br>567459                                                    |
|                                                                             | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| Prerequisites    |                                                                   |
|------------------|-------------------------------------------------------------------|
| Incident ID (n#) | nAPP2316553511                                                    |
| Incident Name    | NAPP2316553511 ANTERO 14 FED COM CTB RISER RELEASE @ N-14-25S-33E |
| Incident Type    | Produced Water Release                                            |
| Incident Status  | Remediation Closure Report Received                               |

| Location of Release Source                            |                                     |
|-------------------------------------------------------|-------------------------------------|
| <i>Please answer all the questions in this group.</i> |                                     |
| Site Name                                             | ANTERO 14 FED COM CTB RISER RELEASE |
| Date Release Discovered                               | 06/11/2023                          |
| Surface Owner                                         | Federal                             |

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

| Nature and Volume of Release                                                                                                                                                                |                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i> |                                                                                                                    |
| Crude Oil Released (bbls) Details                                                                                                                                                           | Not answered.                                                                                                      |
| Produced Water Released (bbls) Details                                                                                                                                                      | Cause: Equipment Failure   Pipeline (Any)   Produced Water   Released: 200 BBL   Recovered: 0 BBL   Lost: 200 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l                                                                                                                         | No                                                                                                                 |
| Condensate Released (bbls) Details                                                                                                                                                          | Not answered.                                                                                                      |
| Natural Gas Vented (Mcf) Details                                                                                                                                                            | Not answered.                                                                                                      |
| Natural Gas Flared (Mcf) Details                                                                                                                                                            | Not answered.                                                                                                      |
| Other Released Details                                                                                                                                                                      | Not answered.                                                                                                      |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)                                        | Not answered.                                                                                                      |

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**Santa Fe, NM 87505**

QUESTIONS, Page 2

Action 567459

**QUESTIONS (continued)**

|                                                                             |                                                                             |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>5509 Champions Drive<br>Midland, TX 79706 | OGRID:<br>7377                                                              |
|                                                                             | Action Number:<br>567459                                                    |
|                                                                             | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

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

**Initial Response**

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

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

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

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

|                                                    |                                                                                                                          |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| I hereby agree and sign off to the above statement | Name: Hadlie Stout<br>Title: Environmental Representative II<br>Email: Hadlie_stout@eogresources.com<br>Date: 03/30/2026 |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|



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QUESTIONS, Page 3

Action 567459

**QUESTIONS (continued)**

|                                                                             |                                                                             |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>5509 Champions Drive<br>Midland, TX 79706 | OGRID:<br>7377                                                              |
|                                                                             | Action Number:<br>567459                                                    |
|                                                                             | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

|                                                                                                                                                                                                                                                      |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| <b>Site Characterization</b>                                                                                                                                                                                                                         |                                |
| <i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i> |                                |
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)                                                                                                                           | Between 100 and 500 (ft.)      |
| What method was used to determine the depth to ground water                                                                                                                                                                                          | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water                                                                                                                                                                                                 | No                             |
| <b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>                                                                                                                             |                                |
| A continuously flowing watercourse or any other significant watercourse                                                                                                                                                                              | Between 1 and 5 (mi.)          |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)                                                                                                                                                                    | Between 1 and 5 (mi.)          |
| An occupied permanent residence, school, hospital, institution, or church                                                                                                                                                                            | Greater than 5 (mi.)           |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes                                                                                                                            | Between 1 and 5 (mi.)          |
| Any other fresh water well or spring                                                                                                                                                                                                                 | Between 1 and 5 (mi.)          |
| Incorporated municipal boundaries or a defined municipal fresh water well field                                                                                                                                                                      | Greater than 5 (mi.)           |
| A wetland                                                                                                                                                                                                                                            | Between 1 and 5 (mi.)          |
| A subsurface mine                                                                                                                                                                                                                                    | Greater than 5 (mi.)           |
| An (non-karst) unstable area                                                                                                                                                                                                                         | Greater than 5 (mi.)           |
| Categorize the risk of this well / site being in a karst geology                                                                                                                                                                                     | Low                            |
| A 100-year floodplain                                                                                                                                                                                                                                | Between 1 and 5 (mi.)          |
| Did the release impact areas not on an exploration, development, production, or storage site                                                                                                                                                         | Yes                            |

|                                                                                                                                                                                                                                                                                                                                                                                       |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>Remediation Plan</b>                                                                                                                                                                                                                                                                                                                                                               |            |
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>                                                                                                                                                                                      |            |
| Requesting a remediation plan approval with this submission                                                                                                                                                                                                                                                                                                                           | Yes        |
| <i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>                                                                                                                                                                        |            |
| Have the lateral and vertical extents of contamination been fully delineated                                                                                                                                                                                                                                                                                                          | Yes        |
| Was this release entirely contained within a lined containment area                                                                                                                                                                                                                                                                                                                   | No         |
| <b>Soil Contamination Sampling:</b> (Provide the highest observable value for each, in milligrams per kilograms.)                                                                                                                                                                                                                                                                     |            |
| Chloride (EPA 300.0 or SM4500 Cl B)                                                                                                                                                                                                                                                                                                                                                   | 23600      |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)                                                                                                                                                                                                                                                                                                                                           | 1949       |
| GRO+DRO (EPA SW-846 Method 8015M)                                                                                                                                                                                                                                                                                                                                                     | 1390       |
| BTEX (EPA SW-846 Method 8021B or 8260B)                                                                                                                                                                                                                                                                                                                                               | 0          |
| Benzene (EPA SW-846 Method 8021B or 8260B)                                                                                                                                                                                                                                                                                                                                            | 0          |
| <i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>                                                                        |            |
| On what estimated date will the remediation commence                                                                                                                                                                                                                                                                                                                                  | 08/03/2023 |
| On what date will (or did) the final sampling or liner inspection occur                                                                                                                                                                                                                                                                                                               | 08/24/2023 |
| On what date will (or was) the remediation complete(d)                                                                                                                                                                                                                                                                                                                                | 08/30/2023 |
| What is the estimated surface area (in square feet) that will be reclaimed                                                                                                                                                                                                                                                                                                            | 41347      |
| What is the estimated volume (in cubic yards) that will be reclaimed                                                                                                                                                                                                                                                                                                                  | 5288       |
| What is the estimated surface area (in square feet) that will be remediated                                                                                                                                                                                                                                                                                                           | 41347      |
| What is the estimated volume (in cubic yards) that will be remediated                                                                                                                                                                                                                                                                                                                 | 5288       |
| <i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>                                                                                                                                                                                |            |
| <i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i> |            |

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

QUESTIONS, Page 4

Action 567459

**QUESTIONS (continued)**

|                                                                             |                                                                             |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>5509 Champions Drive<br>Midland, TX 79706 | OGRID:<br>7377                                                              |
|                                                                             | Action Number:<br>567459                                                    |
|                                                                             | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>Remediation Plan (continued)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                          |
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                          |
| <b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                          |
| <i>(Select all answers below that apply.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                          |
| (Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Yes                                                                                                                      |
| Which OCD approved facility will be used for <b>off-site</b> disposal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | fJEG1635837366 OWL LANDFILL JAL                                                                                          |
| <b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Not answered.                                                                                                            |
| <b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Not answered.                                                                                                            |
| <b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Not answered.                                                                                                            |
| (Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Not answered.                                                                                                            |
| (In Situ) Soil Vapor Extraction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Not answered.                                                                                                            |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Not answered.                                                                                                            |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Not answered.                                                                                                            |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Not answered.                                                                                                            |
| Ground Water Abatement pursuant to 19.15.30 NMAC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Not answered.                                                                                                            |
| OTHER (Non-listed remedial process)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Not answered.                                                                                                            |
| <i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                          |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |                                                                                                                          |
| I hereby agree and sign off to the above statement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Name: Hadlie Stout<br>Title: Environmental Representative II<br>Email: Hadlie_stout@eogresources.com<br>Date: 03/30/2026 |
| <i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                          |

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

General Information  
Phone: (505) 629-6116

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Oil Conservation Division  
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QUESTIONS, Page 5  
  
Action 567459

QUESTIONS (continued)

|                                                                                 |                                                                                 |
|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Operator:<br><br>EOG RESOURCES INC<br>5509 Champions Drive<br>Midland, TX 79706 | OGRID:<br><br>7377                                                              |
|                                                                                 | Action Number:<br><br>567459                                                    |
|                                                                                 | Action Type:<br><br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

|                                                                                                                                                                                                |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Deferral Requests Only                                                                                                                                                                         |    |
| Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation. |    |
| Requesting a deferral of the remediation closure due date with the approval of this submission                                                                                                 | No |

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QUESTIONS, Page 6

Action 567459

**QUESTIONS (continued)**

|                                                                             |                                                                             |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>5509 Champions Drive<br>Midland, TX 79706 | OGRID:<br>7377                                                              |
|                                                                             | Action Number:<br>567459                                                    |
|                                                                             | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| Sampling Event Information                                                                      |            |
|-------------------------------------------------------------------------------------------------|------------|
| Last sampling notification (C-141N) recorded                                                    | 568999     |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 08/10/2023 |
| What was the (estimated) number of samples that were to be gathered                             | 10         |
| What was the sampling surface area in square feet                                               | 41347      |

| Remediation Closure Request                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                          |
| Requesting a remediation closure approval with this submission                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yes                                                                                                                      |
| Have the lateral and vertical extents of contamination been fully delineated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Yes                                                                                                                      |
| Was this release entirely contained within a lined containment area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | No                                                                                                                       |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Yes                                                                                                                      |
| What was the total surface area (in square feet) remediated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 41347                                                                                                                    |
| What was the total volume (cubic yards) remediated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5288                                                                                                                     |
| All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Yes                                                                                                                      |
| What was the total surface area (in square feet) reclaimed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 41347                                                                                                                    |
| What was the total volume (in cubic yards) reclaimed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5288                                                                                                                     |
| Summarize any additional remediation activities not included by answers (above)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | N/A                                                                                                                      |
| <i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                          |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. |                                                                                                                          |
| I hereby agree and sign off to the above statement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Name: Hadlie Stout<br>Title: Environmental Representative II<br>Email: Hadlie_stout@eogresources.com<br>Date: 03/30/2026 |

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QUESTIONS, Page 7  
  
Action 567459

QUESTIONS (continued)

|                                                                                 |                                                                                 |
|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Operator:<br><br>EOG RESOURCES INC<br>5509 Champions Drive<br>Midland, TX 79706 | OGRID:<br><br>7377                                                              |
|                                                                                 | Action Number:<br><br>567459                                                    |
|                                                                                 | Action Type:<br><br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

|                                                                                       |    |
|---------------------------------------------------------------------------------------|----|
| Reclamation Report                                                                    |    |
| Only answer the questions in this group if all reclamation steps have been completed. |    |
| Requesting a reclamation approval with this submission                                | No |

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CONDITIONS

Action 567459

CONDITIONS

|                                                                             |                                                                             |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>5509 Champions Drive<br>Midland, TX 79706 | OGRID:<br>7377                                                              |
|                                                                             | Action Number:<br>567459                                                    |
|                                                                             | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

CONDITIONS

|            |           |                |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| nvez       | None      | 4/23/2026      |