



SITE INFORMATION

Work Plan
Deep Elem 4 Fed Com CTB Lay Flat Line Strike
Eddy County, New Mexico
Incident ID: nAPP2321953140
Unit B Sec 09 T26S R31E
32.064651°, -103.783362°

Reuse Water Release
Point of Release: 12" Lay Flat Line Strike
Release Date: 07/30/23
Volume Released: 100 Barrels of Reuse Water
Volume Recovered: 0 Barrels of Reuse Water

CARMONA RESOURCES



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

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

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November 6, 2023

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

**Re: Work Plan
Deep Elem 4 Fed Com CTB Lay Flat Line Strike
EOG Resources, Inc
Incident ID: nAPP2321953140
Site Location: Unit B, S09, T26S, R31E
(Lat 32.064651°, Long -103.783362°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of EOG Resources, Inc. (EOG), Carmona Resources, LLC has prepared this letter to document site activities for the Deep Elem 4 Fed Com CTB Lay Flat Line Strike. The site is located at 32.064651°, -103.783362° within Unit B, S09, T26S, R31E, in Eddy 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 July 30, 2023, caused by a wireline truck striking and rupturing a 12” lay flat line. The incident released one hundred (100) barrels of reuse water, with zero (0) barrels recovered. Refer to Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium 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 .65 miles southeast of the site in S10, T26S, R31E, and was drilled in 1998. The well has a reported depth to groundwater of 275.49’ below ground surface (ft bgs). A copy of the associated Summary report is attached in Appendix D.

On August 11, 2023, Carmona Resources, LLC requested a groundwater variance to utilize the above-referenced water well for closure criteria purposes. The variance request was approved on August 14, 2023. A copy of the correspondence is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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



- 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: 20,000 mg/kg.

4.0 Site Assessment Activities

Initial Assessment

On August 7, 2023, Carmona Resources, LLC was onsite to perform an initial assessment to evaluate soil impacts stemming from the release. A total of eighteen (18) sample points (S-1 through S-18) and eight (8) horizontal samples (H-1 through H-8) were advanced to depths ranging from the surface to 3' bgs within and surrounding the release to assess the vertical and horizontal extent. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

See Table 1 for the analytical results.

Vertical Delineation

Vertical delineation was not achieved during the initial assessment due to a dense, cemented geological formation ranging from 0.5-3 ft bgs in various release areas. Refer to Table 1.

Horizontal Delineation

All horizontal locations were below the regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 1.

Trenching Activities

On September 26, 2023, Carmona Resources, LLC returned to the site to delineate the release vertically. A total of eighteen (18) trenches (T-1 through T-18) were advanced to depths ranging from the surface to 6' bgs within the release area. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 4500. The laboratory reports, including analytical methods, results, and chain of custody documents, are attached in Appendix E.

See Table 2 for the analytical results.

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Vertical Delineation

All trench locations were vertically delineated and below regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 2.

5.0 Proposed Work Plan

Based on the analytical data of the detected chloride concentrations, EOG proposes to remediate the areas shown in Figure 4 and highlighted (blue) in Table 2.

- The areas of T-1 and T-10 will be excavated to a depth of 1.5' below the surface and backfilled with clean material to surface grade.
- The areas of T-2, T-4, and T-7 will be excavated to a depth of 2.0' below the surface and backfilled with clean material to surface grade.
- The areas of T-3 and T-11 will be excavated to a depth of 2.5' below the surface and backfilled with clean material to surface grade.
- The areas of T-5, T-6, T-12, T-14, and T-18 will be excavated to a depth of 3.0' below the surface and backfilled with clean material to surface grade.
- The area of T-16 will be excavated to a depth of 3.5' below the surface and backfilled with clean material to surface grade.
- The area of T-9 will be excavated to a depth of 4.0' below the surface and backfilled with clean material to surface grade.
- The areas of T-8, T-13, T-15, and T-17 will be excavated to a depth of 4.5' below the surface and backfilled with clean material to surface grade.
- An estimated 10,527 cubic yards will be removed and hauled to the nearest disposal based on the maximum depth.
- A variance is requested per 19.15.29.14. A NMAC, Five-point composite bottom floor hole, and sidewall samples will be collected every 500 square feet to represent the release area.
- Once the site activities and excavation are complete, the areas will be backfilled with clean material to surface grade. The remediation will be implemented 90 days after the work plan is approved.
- Impacted soil around oil and gas equipment, structures, or lines may not be removed during remediation activities due to safety concerns for the onsite personnel. However, EOG Resources will excavate the impacted soil to the maximum extent possible.

CARMONA RESOURCES



6.0 Conclusions

Upon completion, a final closure report describing the remediation activities will be presented to the New Mexico Oil Conservation Division (NMOCD). 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

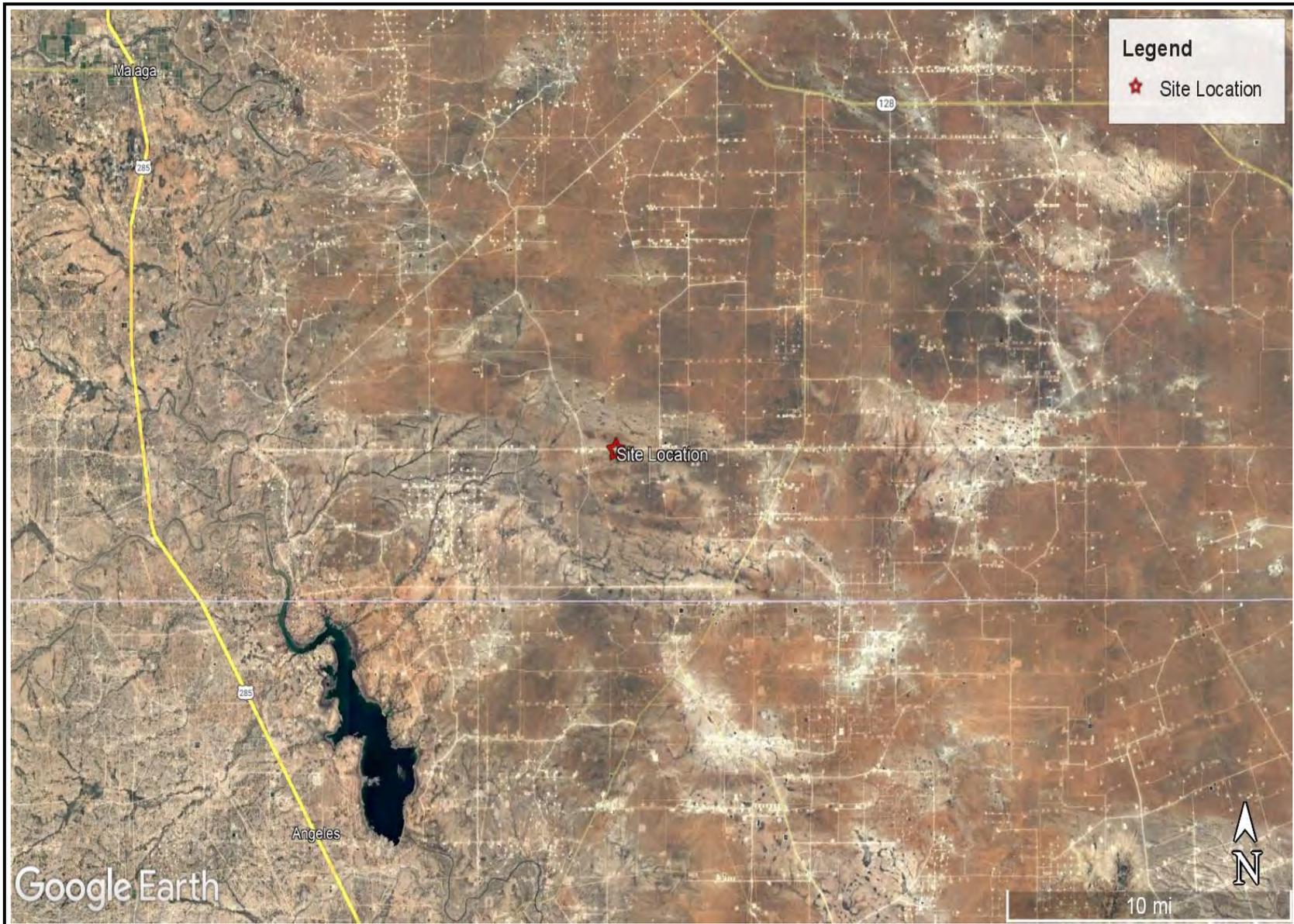
Devin Dominguez
Sr. Project Manager

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

FIGURES

CARMONA RESOURCES

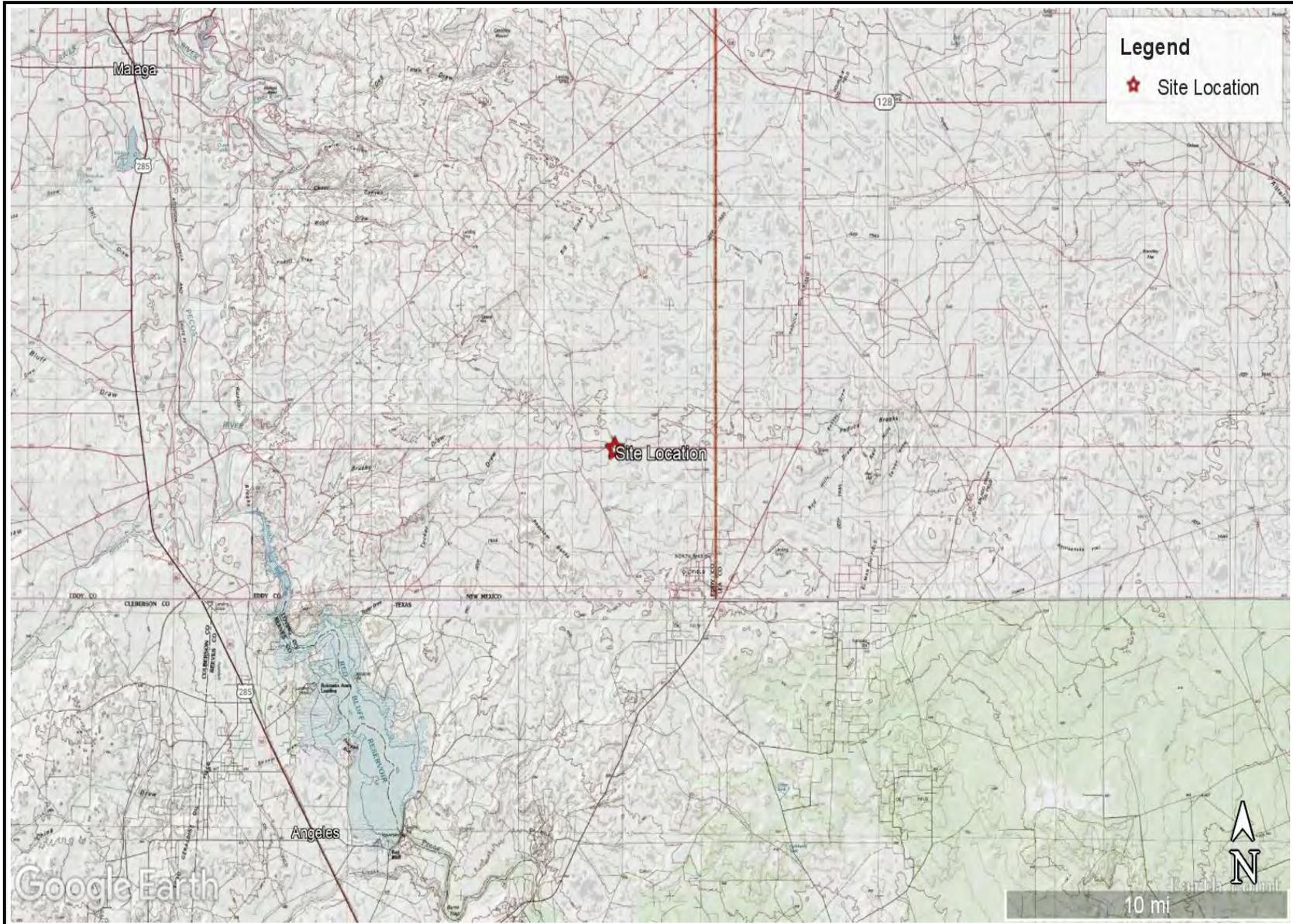




OVERVIEW MAP
EOG RESOURCES
DEEP ELEM 4 FED COM CTB LAY FLAT LINE STRIKE
EDDY COUNTY, NEW MEXICO
32.064651°, -103.783362°



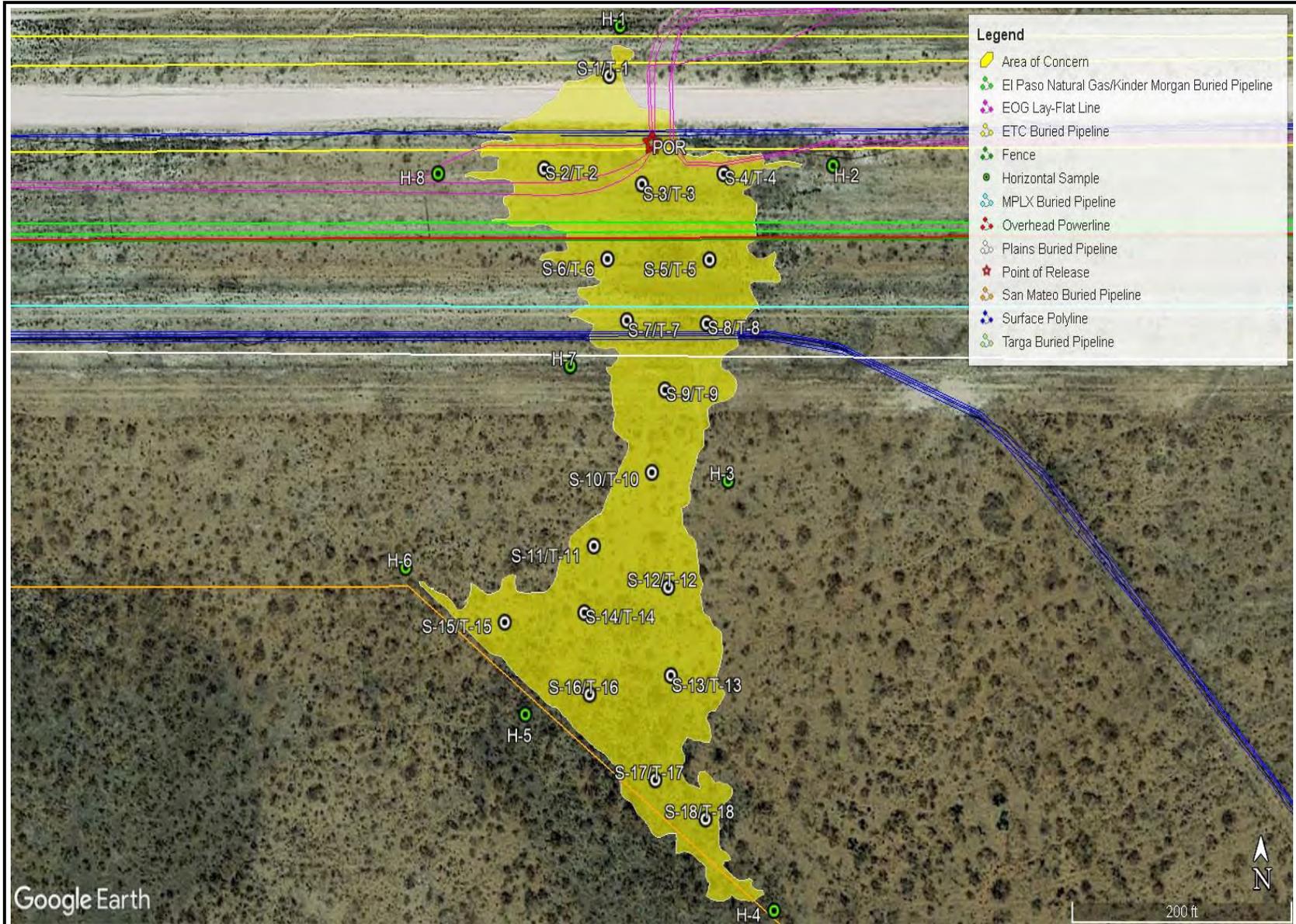
FIGURE 1



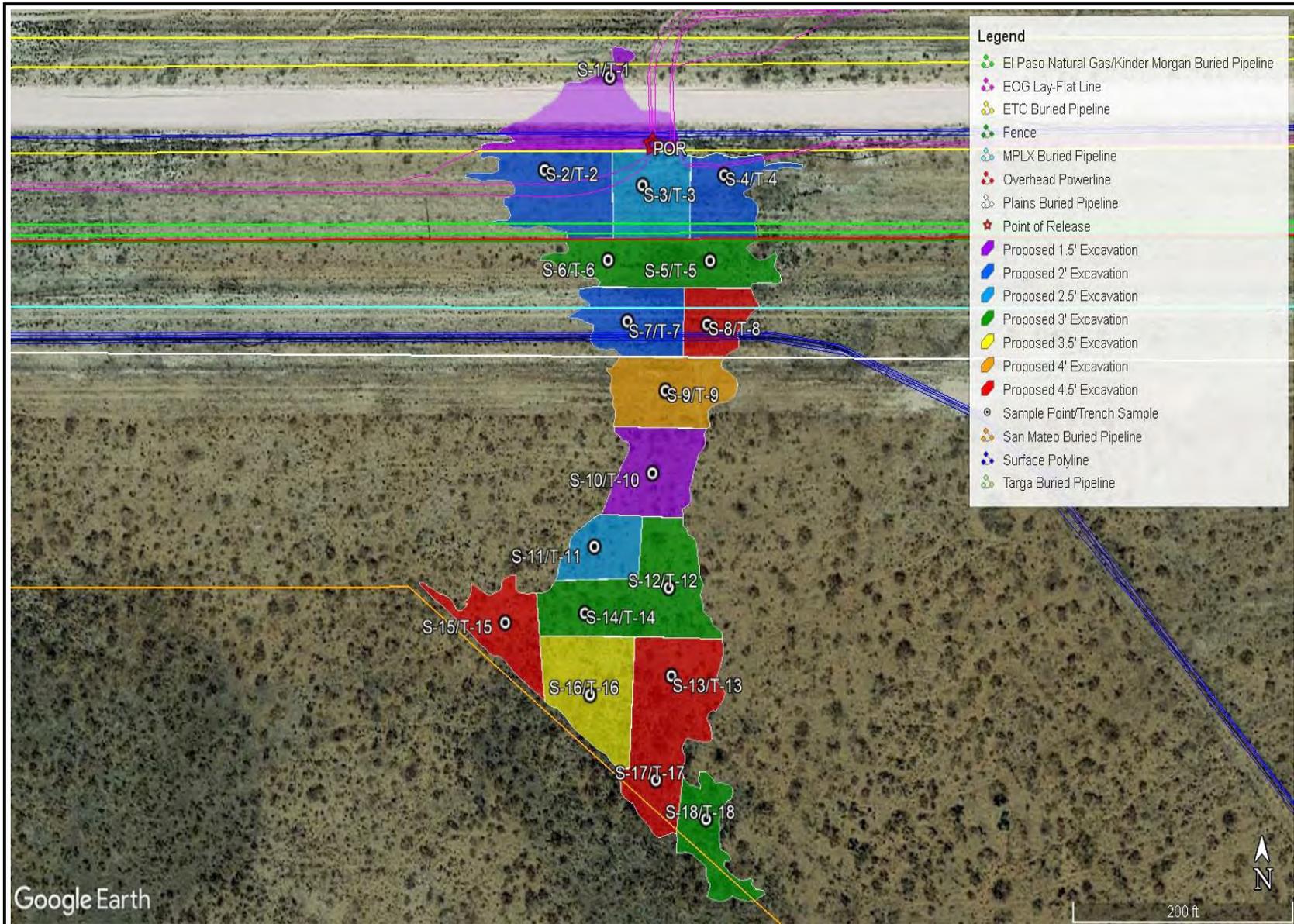
TOPOGRAPHIC MAP
EOG RESOURCES
DEEP ELEM 4 FED COM CTB LAY FLAT LINE STRIKE
EDDY COUNTY, NEW MEXICO
32.064651°, -103.783362°



FIGURE 2



| | | |
|---|--|-----------------|
| <p>SAMPLE LOCATION OVERVIEW MAP EOG RESOURCES DEEP ELEM 4 FED COM CTB LAY FLAT LINE STRIKE EDDY COUNTY, NEW MEXICO 32.064651°, -103.783362°</p> | <p>CARMONA RESOURCES </p> | <p>FIGURE 3</p> |
|---|--|-----------------|



| | | |
|--|--|-----------------|
| <p>PROPOSED EXCAVATION DEPTH MAP EOG RESOURCES DEEP ELEM 4 FED COM CTB LAY FLAT LINE STRIKE EDDY COUNTY, NEW MEXICO 32.064651°, -103.783362°</p> | <p>CARMONA RESOURCES </p> | <p>FIGURE 4</p> |
|--|--|-----------------|

APPENDIX A

CARMONA RESOURCES



Table 1
EOG Resources
Deep Elem 4 Fed Com CTB Lay Flat Line Strike
Eddy 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 | 8/7/2023 | 0-1.0 | <49.6 | 73.2 | <49.6 | 73.2 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 4,400 | |
| S-2 | 8/7/2023 | 0-1.0 | <50.4 | 97.5 | <50.4 | 97.5 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 3,170 | |
| S-3 | 8/7/2023 | 0-1.0 | <50.2 | 74.8 | <50.2 | 74.8 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | 6,130 | |
| S-4 | 8/7/2023 | 0-1.0 | <49.8 | <49.8 | <49.8 | <49.8 | <0.00198 | <0.00198 | <0.00198 | <0.00397 | <0.00397 | 3,010 | |
| S-5 | 8/7/2023 | 0-1.0 | <49.6 | 63.7 | <49.6 | 63.7 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 5,550 | |
| S-6 | 8/7/2023 | 0-1.0 | <49.6 | <49.6 | <49.6 | <49.6 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | 6,250 | |
| S-7 | 8/7/2023 | 0-1.0 | <49.5 | 64.2 | <49.5 | 64.2 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 4,640 | |
| S-8 | 8/7/2023 | 0-1.0 | <50.0 | 55.6 | <50.0 | 55.6 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 4,760 | |
| S-9 | 8/7/2023 | 0-1.0 | <50.3 | <50.3 | <50.3 | <50.3 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 2,930 | |
| S-10 | 8/7/2023 | 0-0.5 | <50.1 | 58.5 | <50.1 | 58.5 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 6,350 | |
| S-11 | 8/7/2023 | 0-0.5 | <50.3 | <50.3 | <50.3 | <50.3 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | 5,570 | |
| S-12 | 8/7/2023 | 0-1.0 | <50.3 | <50.3 | <50.3 | <50.3 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | 9,850 | |
| S-13 | 8/7/2023 | 0-1.0 | <50.4 | <50.4 | <50.4 | <50.4 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 4,690 | |
| | " | 1.5 | <50.1 | <50.1 | <50.1 | <50.1 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 4,890 | |
| | " | 2.0 | <49.7 | <49.7 | <49.7 | <49.7 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 4,840 | |
| | " | 3.0 | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | 1,450 | |
| S-14 | 8/7/2023 | 0-1.0 | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 4,490 | |
| S-15 | 8/7/2023 | 0-1.0 | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 3,870 | |
| | " | 1.5 | <50.3 | <50.3 | <50.3 | <50.3 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 4,660 | |
| | " | 2.0 | <50.4 | <50.4 | <50.4 | <50.4 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | 4,670 | |
| | " | 3.0 | <50.1 | <50.1 | <50.1 | <50.1 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 3,710 | |
| S-16 | 8/7/2023 | 0-1 | <50.4 | <50.4 | <50.4 | <50.4 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | 5,090 | |
| | " | 1.5 | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | 5,820 | |
| | " | 2.0 | <49.6 | <49.6 | <49.6 | <49.6 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 6,920 | |
| S-17 | 8/7/2023 | 0-1.0 | <50.2 | <50.2 | <50.2 | <50.2 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 5,310 | |
| | " | 1.5 | <50.4 | <50.4 | <50.4 | <50.4 | <0.00198 | <0.00198 | <0.00198 | <0.00397 | <0.00397 | 4,870 | |
| | " | 2.0 | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 4,190 | |
| S-18 | 8/7/2023 | 0-1.0 | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | 3,430 | |
| | " | 1.5 | <50.1 | <50.1 | <50.1 | <50.1 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 571 | |
| | " | 2.0 | <49.7 | <49.7 | <49.7 | <49.7 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 803 | |
| Regulatory Criteria ^A | | | 1,000 mg/kg | | | | 2,500 mg/kg | | 10 mg/kg | | 50 mg/kg | | 20,000 mg/kg |

(-) Not Analyzed
^A - Table 1 - 19.15.29 NMAC
 mg/kg - milligram per kilogram
 TPH- Total Petroleum Hydrocarbons
 ft-feet
 (S) Sample Point
 Proposed Excavation

Table 1
EOG Resources
Deep Elem 4 Fed Com CTB Lay Flat Line Strike
Eddy County, New Mexico

| Sample ID | Date | Depth (ft) | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|--|----------|------------|-------------|-------|-------------|-------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
| | | | GRO | DRO | MRO | Total | | | | | | |
| H-1 | 8/7/2023 | 0-0.5 | <50.2 | 64.4 | <50.2 | 64.4 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 54.1 |
| H-2 | 8/7/2023 | 0-0.5 | <50.1 | <50.1 | <50.1 | <50.1 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | 36.9 |
| H-3 | 8/7/2023 | 0-0.5 | <49.6 | <49.6 | <49.6 | <49.6 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 48.2 |
| H-4 | 8/7/2023 | 0-0.5 | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 47.1 |
| H-5 | 8/7/2023 | 0-0.5 | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 46.1 |
| H-6 | 8/7/2023 | 0-0.5 | <49.6 | <49.6 | <49.6 | <49.6 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | 36.7 |
| H-7 | 8/7/2023 | 0-0.5 | <49.7 | <49.7 | <49.7 | <49.7 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 36.8 |
| H-8 | 8/7/2023 | 0-0.5 | <49.8 | <49.8 | <49.8 | <49.8 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 51.7 |
| <i>Regulatory Criteria^A</i> | | | 1,000 mg/kg | | 2,500 mg/kg | | 10 mg/kg | | | | 50 mg/kg | 20,000 mg/kg |

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons
ft-feet

(H) Horizontal Sample

Table 2
EOG Resources
Deep Elem 4 Fed Com CTB Lay Flat Line Strike
Eddy 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 | | | | | | |
| T-1 | 9/26/2023 | 0-1 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 608 |
| | " | 1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| | " | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 240 |
| | " | 2.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| | " | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 256 |
| T-2 | 9/26/2023 | 0-1 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 560 |
| | " | 1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,280 |
| | " | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| | " | 2.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 176 |
| | " | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 208 |
| T-3 | 9/26/2023 | 0-1 | <10.0 | 146 | 34.6 | 180.6 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 28,000 |
| | " | 1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,440 |
| | " | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 864 |
| | " | 2.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 144 |
| T-4 | 9/26/2023 | 0-1 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 15,800 |
| | " | 1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,840 |
| | " | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 384 |
| | " | 2.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| T-5 | 9/26/2023 | 0-1 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,040 |
| | " | 1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,560 |
| | " | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 5,120 |
| | " | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 272 |
| | " | 4.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| T-6 | 9/26/2023 | 0-1 | <10.0 | 93.4 | 33.5 | 126.9 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 5,440 |
| | " | 1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,720 |
| | " | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,570 |
| | " | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| | " | 4.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| T-7 | 9/26/2023 | 0-1 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,000 |
| | " | 1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,170 |
| | " | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 464 |
| | " | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 176 |
| | " | 4.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 368 |
| Regulatory Criteria^A | | | 1,000 mg/kg | | | 2,500 mg/kg | 10 mg/kg | | | | 50 mg/kg | 20,000 mg/kg |

(-) Not Analyzed
^A – Table 1 - 19.15.29 NMAC
 mg/kg - milligram per kilogram
 TPH- Total Petroleum Hydrocarbons
 ft-feet
 (T) Trench Sample
 Proposed Excavation

Table 2
EOG Resources
Deep Elem 4 Fed Com CTB Lay Flat Line Strike
Eddy 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 | | | | | | |
| T-8 | 9/26/2023 | 0-1 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,840 |
| | " | 1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,200 |
| | " | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,400 |
| | " | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 448 |
| | " | 4.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 704 |
| | " | 5.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 192 |
| " | 5.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 224 | |
| T-9 | 9/26/2023 | 0-1 | <10.0 | <10.0 | <10.0 | <10.0 | <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 | 1,880 |
| | " | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,080 |
| | " | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 640 |
| | " | 4.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| T-10 | 9/26/2023 | 0-1 | <10.0 | <10.0 | <10.0 | <10.0 | <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 | 288 |
| | " | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 128 |
| | " | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| | " | 4.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| T-11 | 9/26/2023 | 0-1 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,480 |
| | " | 1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,800 |
| | " | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,440 |
| | " | 2.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 224 |
| | " | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| T-12 | 9/26/2023 | 0-1 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 12,000 |
| | " | 1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 6,130 |
| | " | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,070 |
| | " | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| | " | 4.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| T-13 | 9/26/2023 | 0-1 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,360 |
| | " | 1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,960 |
| | " | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,560 |
| | " | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,920 |
| | " | 4.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,920 |
| | " | 5.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| " | 6.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 | |
| T-14 | 9/26/2023 | 0-1 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 6,960 |
| | " | 1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 5,840 |
| | " | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 640 |
| | " | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| | " | 4.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| Regulatory Criteria^A | | | 1,000 mg/kg | | | 2,500 mg/kg | | 10 mg/kg | | 50 mg/kg | | 20,000 mg/kg |

(-) Not Analyzed
^A - Table 1 - 19.15.29 NMAC
 mg/kg - milligram per kilogram
 TPH- Total Petroleum Hydrocarbons
 ft-feet
 (T) Trench Sample
 Proposed Excavation

Table 2
EOG Resources
Deep Elem 4 Fed Com CTB Lay Flat Line Strike
Eddy County, New Mexico

| Sample ID | Date | Depth (ft) | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|--|-----------|------------|--------------------|-------|-------|--------------------|-----------------|-----------------|----------------------|----------------|--------------------|---------------------|
| | | | GRO | DRO | MRO | Total | | | | | | |
| T-15 | 9/26/2023 | 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 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| | " | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| | " | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,200 |
| | " | 4.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,000 |
| | " | 5.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 5,360 |
| | " | 6.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 704 |
| T-16 | 9/26/2023 | 0-1 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 5,330 |
| | " | 1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,930 |
| | " | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 5,060 |
| | " | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,000 |
| | " | 4.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 128 |
| T-17 | 9/26/2023 | 0-1 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 624 |
| | " | 1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,280 |
| | " | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 5,680 |
| | " | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 5,600 |
| | " | 4.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,380 |
| | " | 5.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| T-18 | 9/26/2023 | 0-1 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 6,400 |
| | " | 1.5 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,800 |
| | " | 2.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 5,330 |
| | " | 3.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| | " | 4.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| Regulatory Criteria^A | | | 1,000 mg/kg | | | 2,500 mg/kg | 10 mg/kg | | | | 50 mg/kg | 20,000 mg/kg |

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(T) Trench Sample

Proposed Excavation

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

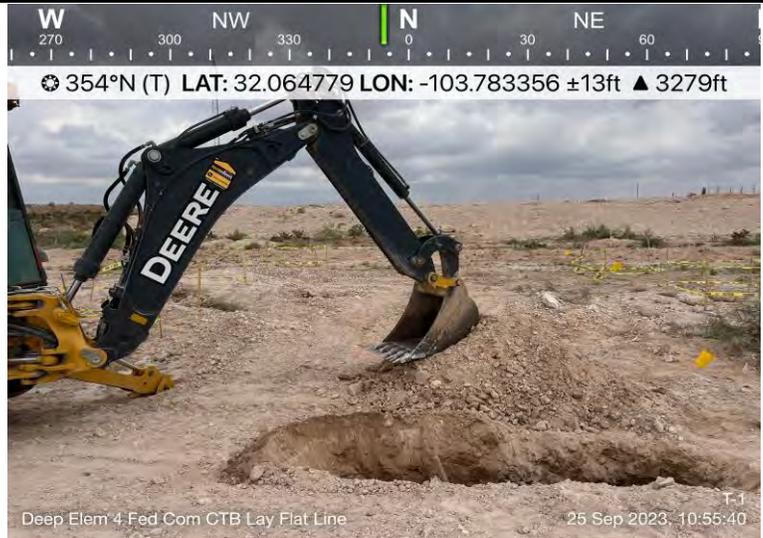
EOG Resources, Inc

Photograph No. 1

Facility: Deep Elem 4 Fed Com CTB Layflat Line Strike

County: Eddy County, New Mexico

Description:
View North, area of T-1.



Photograph No. 2

Facility: Deep Elem 4 Fed Com CTB Layflat Line Strike

County: Eddy County, New Mexico

Description:
View East, area of T-2.

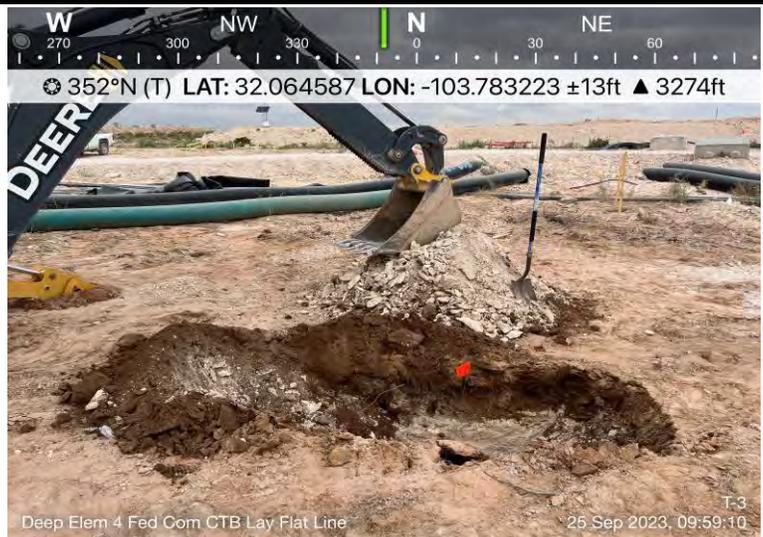


Photograph No. 3

Facility: Deep Elem 4 Fed Com CTB Layflat Line Strike

County: Eddy County, New Mexico

Description:
View North, area of T-3.



PHOTOGRAPHIC LOG

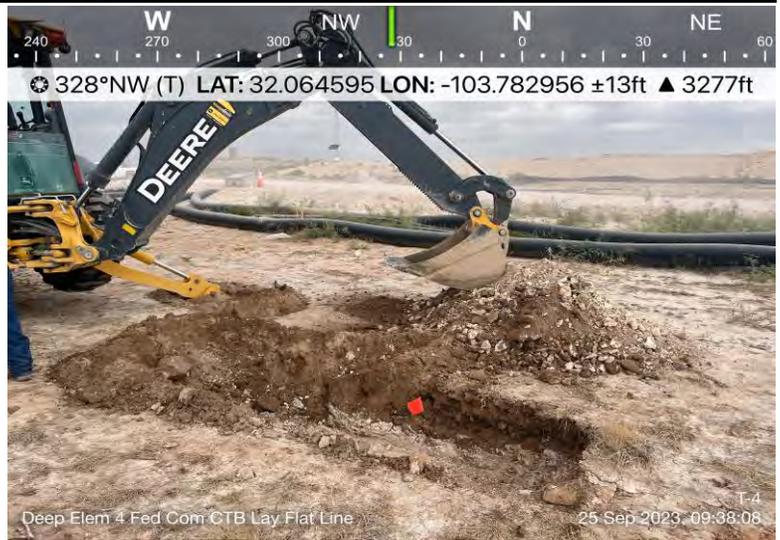
EOG Resources, Inc

Photograph No. 4

Facility: Deep Elem 4 Fed Com CTB Layflat Line Strike

County: Eddy County, New Mexico

Description:
View Northwest, area of T-4



Photograph No. 5

Facility: Deep Elem 4 Fed Com CTB Layflat Line Strike

County: Eddy County, New Mexico

Description:
View Northwest, area of T-5.



Photograph No. 6

Facility: Deep Elem 4 Fed Com CTB Layflat Line Strike

County: Eddy County, New Mexico

Description:
View South, area of T-6



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 7

Facility: Deep Elem 4 Fed Com CTB Layflat Line Strike

County: Eddy County, New Mexico

Description:
View Northeast, area of T-7.



Photograph No. 8

Facility: Deep Elem 4 Fed Com CTB Layflat Line Strike

County: Eddy County, New Mexico

Description:
View North, area of T-8.



Photograph No. 9

Facility: Deep Elem 4 Fed Com CTB Layflat Line Strike

County: Eddy County, New Mexico

Description:
View East, area of T-9.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 10

Facility: Deep Elem 4 Fed Com CTB Layflat Line Strike

County: Eddy County, New Mexico

Description:
View Northeast, area of T-10.



Photograph No. 11

Facility: Deep Elem 4 Fed Com CTB Layflat Line Strike

County: Eddy County, New Mexico

Description:
View Northeast, area of T-11.



Photograph No. 12

Facility: Deep Elem 4 Fed Com CTB Layflat Line Strike

County: Eddy County, New Mexico

Description:
View South, area of T-12.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 13

Facility: Deep Elem 4 Fed Com CTB Layflat Line Strike

County: Eddy County, New Mexico

Description:
View South, area of T-13.



Photograph No. 14

Facility: Deep Elem 4 Fed Com CTB Layflat Line Strike

County: Eddy County, New Mexico

Description:
View South, area of T-14.

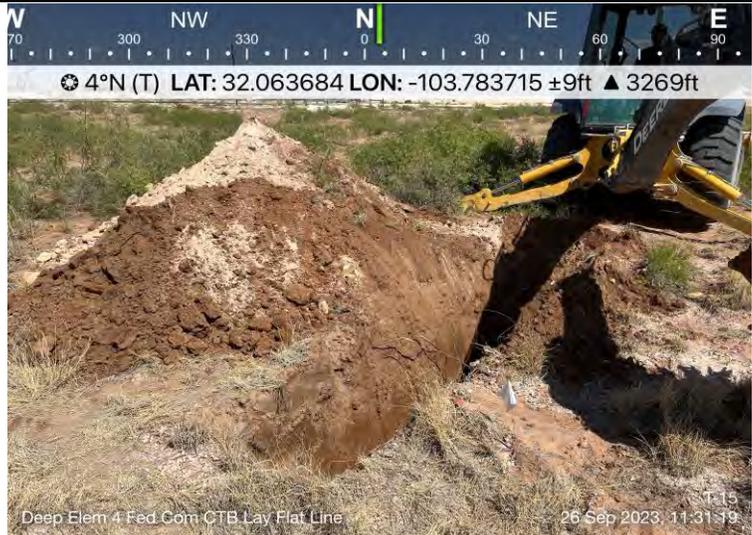


Photograph No. 15

Facility: Deep Elem 4 Fed Com CTB Layflat Line Strike

County: Eddy County, New Mexico

Description:
View North, area of T-15.



PHOTOGRAPHIC LOG

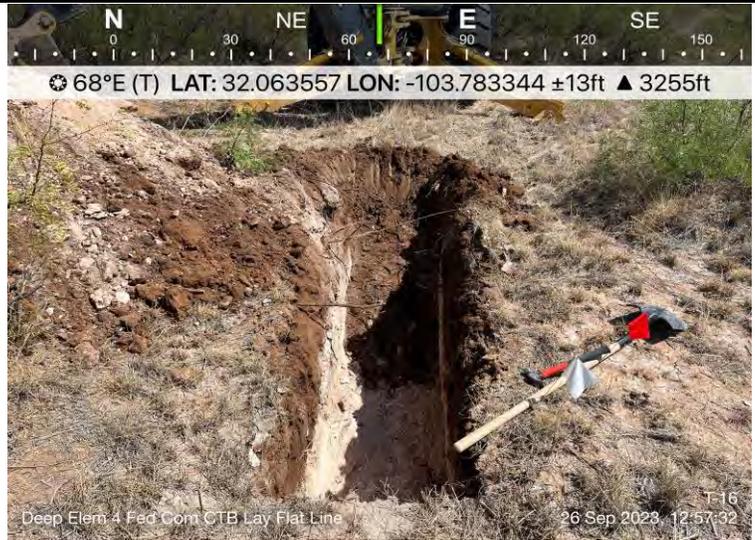
EOG Resources, Inc

Photograph No. 16

Facility: Deep Elem 4 Fed Com CTB Layflat Line Strike

County: Eddy County, New Mexico

Description:
View East, area of T-16.



Photograph No. 17

Facility: Deep Elem 4 Fed Com CTB Layflat Line Strike

County: Eddy County, New Mexico

Description:
View South, area of T-17.



Photograph No. 18

Facility: Deep Elem 4 Fed Com CTB Layflat Line Strike

County: Eddy County, New Mexico

Description:
View Southeast, area of T-18.



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 | nAPP2321953140 |
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| | |
|--|---|
| Responsible Party EOG Resources | OGRID 7377 |
| Contact Name Todd Wells | Contact Telephone (432) 686-3613 |
| Contact email Todd_Wells@eogresources.com | Incident # (assigned by OCD) nAPP2321953140 |
| Contact mailing address 5509 Champions Drive Midland, TX 79706 | |

Location of Release Source

Latitude 32.064651° Longitude -103.783362°
(NAD 83 in decimal degrees to 5 decimal places)

| | |
|--|-------------------------|
| Site Name Deep Elem 4 Fed Com CTB Lay Flat Line Strike | Site Type Lay Flat Line |
| Date Release Discovered 7/30/23 | API# (if applicable) |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| B | 9 | 26S | 31E | Eddy |

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) | Volume Recovered (bbls) |
| <input checked="" type="checkbox"/> Reuse Water | Volume Released (bbls) 100 | Volume Recovered (bbls) 0 |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| <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) |

Cause of Release: A wireline truck drove off Pipeline Road, striking and rupturing the 12-inch lay flat line causing the release. The lay flat line was located in the ROW down the road from the Deep Elem 4 Fed Com CTB. Approximately 100 bbls of treated reuse water was released in the ROW and in the pasture and 0 bbls recovered.

State of New Mexico
Oil Conservation Division

| | |
|----------------|----------------|
| Incident ID | NAPP2321953140 |
| District RP | |
| Facility ID | |
| Application ID | |

| | |
|---|---|
| Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If YES, for what reason(s) does the responsible party consider this a major release? More than 25 bbls. |
|---|---|

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Email notification to the OCD Enviro Inbox on 7/31/23.

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 not 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: Todd Wells Title: Environmental Specialist

Signature: Todd Wells Date: 8/7/23

email: Todd_Wells@eogresources.com Telephone: (432) 686-3613

OCD Only

Received by: Shelly Wells Date: 8/7/2023

| | |
|----------------|--|
| 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 not 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: Todd Wells Date: 11/15/23

email: _____ Telephone: _____

OCD Only

Received by: Shelly Wells Date: 11/15/2023

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

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- Detailed description of proposed remediation technique
- Scaled sitemap with GPS coordinates showing delineation points
- Estimated volume of material to be remediated
- Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Todd Wells Date: 11/15/23

email: _____ Telephone: _____

OCD Only

Received by: Shelly Wells Date: 11/15/2023

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

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

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

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

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

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

CONDITIONS

Action 249206

CONDITIONS

| | |
|--|---|
| Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702 | OGRID: 7377 |
| | Action Number: 249206 |
| | Action Type: [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| scwells | None | 8/7/2023 |

APPENDIX D

CARMONA RESOURCES

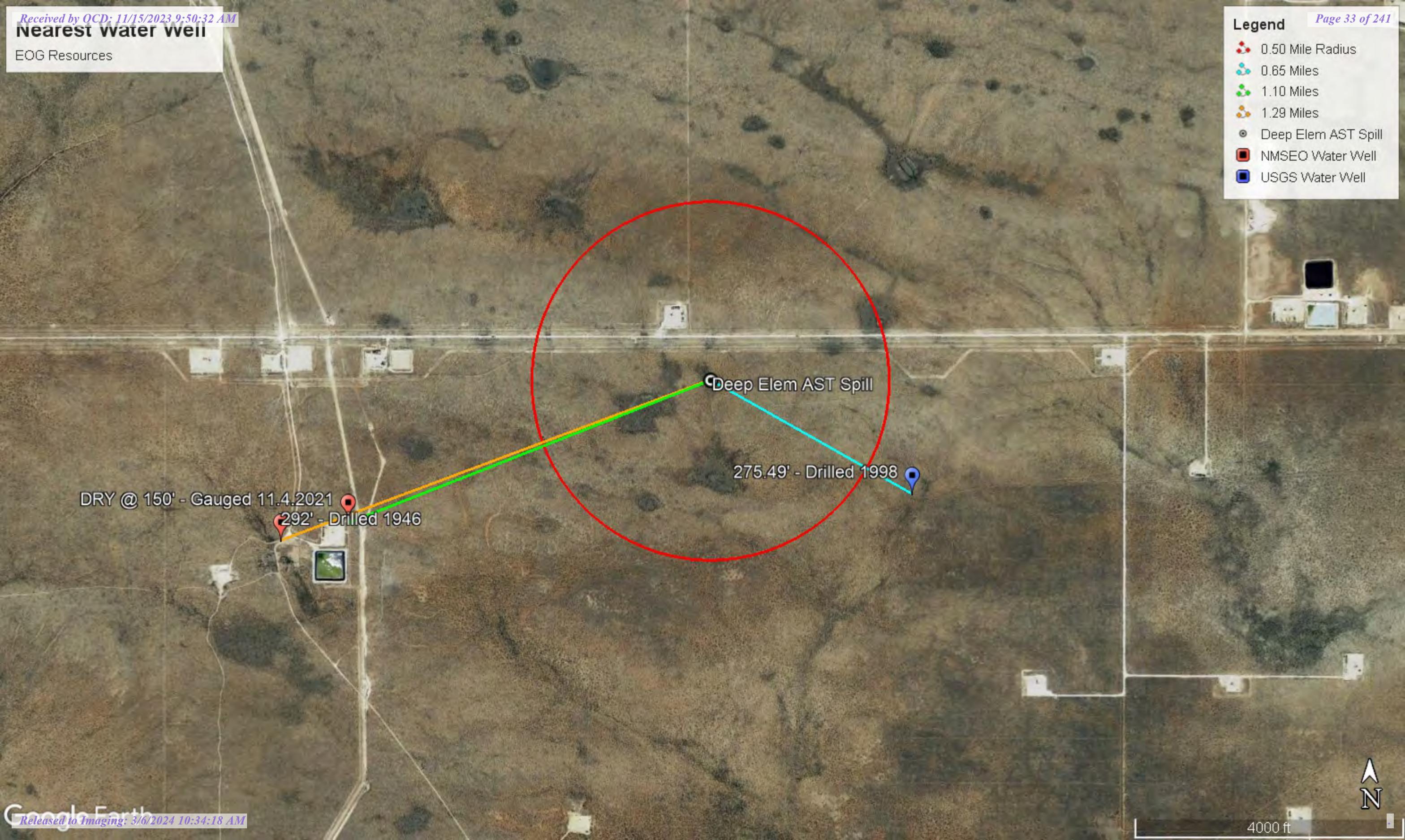


Nearest water well

EOG Resources

Legend

-  0.50 Mile Radius
-  0.65 Miles
-  1.10 Miles
-  1.29 Miles
-  Deep Elem AST Spill
-  NMSEO Water Well
-  USGS Water Well



Deep Elem AST Spill

275.49' - Drilled 1998

DRY @ 150' - Gauged 11.4.2021

292' - Drilled 1946



Medium Karst

EOG Resources

Legend

- Deep Elem AST Spill
- Medium



Deep Elem AST Spill





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 6 | Q 4 | Q 4 | Sec | Tws | Rng | X | Y | Distance | Depth Well | Depth Water | Water Column |
|------------------------------|--------------|-------|--------|-----|-----|-----|-----|-----|-----|--------|----------|----------|------------|-------------|--------------|
| C 01777 | C | ED | | | | | 08 | 26S | 31E | 613245 | 3547409* | 1764 | 325 | 300 | 25 |
| C 04700 POD1 | CUB | ED | | 2 | 1 | 2 | 10 | 26S | 31E | 616736 | 3548154 | 1855 | | | |
| C 02248 | CUB | ED | | 1 | 2 | 3 | 08 | 26S | 31E | 612942 | 3547316* | 2080 | 300 | 292 | 8 |
| C 02249 | CUB | ED | | 1 | 2 | 3 | 08 | 26S | 31E | 612942 | 3547316* | 2080 | 300 | 292 | 8 |
| C 04637 POD1 | CUB | ED | | 4 | 4 | 3 | 02 | 26S | 31E | 618068 | 3548423 | 3204 | 51 | | |

Average Depth to Water: **294 feet**
 Minimum Depth: **292 feet**
 Maximum Depth: **300 feet**

Record Count: 5

UTMNAD83 Radius Search (in meters):

Easting (X): 614883

Northing (Y): 3548066

Radius: 4000

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

| | | | | | | | | |
|------|------|-------------------------------------|---------------------|--------------------------------------|---|---------------------------|------------|----|
| Date | Time | ? Water-level date-time accuracy | ? Parameter code | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? S | |
| | | | | | | Groundwater | New Mexico | GO |

Click to hide News Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for New Mexico

Click to hide state-specific text

 Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
 site_no list =

- 320330103462401

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 320330103462401 26S.31E.08.321434

Eddy County, New Mexico
 Latitude 32°03'30", Longitude 103°46'24" NAD27
 Land-surface elevation 3,251 feet above NAVD88
 The depth of the well is 380 feet below land surface.
 This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.
 This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

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

| Date | Time | ? Water-level date-time accuracy | ? Parameter code | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? Status | ? Method of measurement | ? Measuring agency | ? Source of measurement |
|------------|------|-------------------------------------|---------------------|--------------------------------------|---|---------------------------|-------------|----------------------------|-----------------------|----------------------------|
| 1983-02-16 | | | D 62610 | | 2972.78 | NGVD29 | 1 | Z | | |
| 1983-02-16 | | | D 62611 | | 2974.42 | NAVD88 | 1 | Z | | |
| 1983-02-16 | | | D 72019 | 276.58 | | | 1 | Z | | |
| 1987-10-21 | | | D 62610 | | 2972.14 | NGVD29 | 1 | Z | | |
| 1987-10-21 | | | D 62611 | | 2973.78 | NAVD88 | 1 | Z | | |
| 1987-10-21 | | | D 72019 | 277.22 | | | 1 | Z | | |
| 1992-11-05 | | | D 62610 | | 2973.40 | NGVD29 | P | O | | |
| 1992-11-05 | | | D 62611 | | 2975.04 | NAVD88 | P | O | | |
| 1992-11-05 | | | D 72019 | 275.96 | | | P | O | | |
| 1998-01-29 | | | D 62610 | | 2973.87 | NGVD29 | 1 | S | | |
| 1998-01-29 | | | D 62611 | | 2975.51 | NAVD88 | 1 | S | | |
| 1998-01-29 | | | D 72019 | 275.49 | | | 1 | S | | |

| Date | Time | ? | ? | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? |
|-----------------------------|------|--------------------------------|--|--------------------------------------|---|---------------------------|---|
| | | Water-level date-time accuracy | Parameter code | | | | S |
| Parameter code | | 72019 | Depth to water level, feet below land surface | | | | |
| Referenced vertical datum | | NAVD88 | North American Vertical Datum of 1988 | | | | |
| Referenced vertical datum | | NGVD29 | National Geodetic Vertical Datum of 1929 | | | | |
| Status | | 1 | Static | | | | |
| Status | | P | Pumping | | | | |
| Method of measurement | | O | Observed. | | | | |
| Method of measurement | | S | Steel-tape measurement. | | | | |
| Method of measurement | | Z | Other. | | | | |
| Measuring agency | | | Not determined | | | | |
| Source of measurement | | | Not determined | | | | |
| Water-level approval status | | A | Approved for publication -- Processing and review completed. | | | | |

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[U.S. Department of the Interior](#) |
 [U.S. Geological Survey](#)

Title: Groundwater for New Mexico: Water Levels

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



Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2023-07-31 10:51:09 EDT

0.28 0.24 nadww02



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
 (quarters are smallest to largest) (NAD83 UTM in meters)

| | | | | | | | | | |
|-----------------|-------------------|------------|------------|-----------|------------|------------|------------|----------|----------|
| Well Tag | POD Number | Q64 | Q16 | Q4 | Sec | Tws | Rng | X | Y |
| C | 01777 | | | | 08 | 26S | 31E | 613245 | 3547409* |

| | | |
|-------------------------------------|---------------------------------------|------------------------------|
| Driller License: 208 | Driller Company: VAN NOY, W.L. | |
| Driller Name: VAN NOY, W.L. | | |
| Drill Start Date: 09/09/1977 | Drill Finish Date: 09/16/1977 | Plug Date: |
| Log File Date: 09/28/1977 | PCW Rev Date: | Source: Shallow |
| Pump Type: | Pipe Discharge Size: | Estimated Yield: |
| Casing Size: 6.63 | Depth Well: 325 feet | Depth Water: 300 feet |

| Water Bearing Stratifications: | Top | Bottom | Description |
|--------------------------------|-----|--------|-------------------------------|
| | 300 | 325 | Sandstone/Gravel/Conglomerate |

| Casing Perforations: | Top | Bottom |
|----------------------|-----|--------|
| | 295 | 325 |

*UTM location was derived from PLSS - see Help

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8/2/23 9:04 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer Point of Diversion Summary

| Well Tag | POD Number | (quarters are 1=NW 2=NE 3=SW 4=SE) | | | | (quarters are smallest to largest) | | (NAD83 UTM in meters) | |
|----------|------------|------------------------------------|-----|----|-----|------------------------------------|-----|-----------------------|----------|
| | | Q64 | Q16 | Q4 | Sec | Tws | Rng | X | Y |
| C | 02248 | 1 | 2 | 3 | 08 | 26S | 31E | 612942 | 3547316* |

| | | | |
|--------------------------|---------|-----------------------------|------------|
| Driller License: | | Driller Company: | |
| Driller Name: | UNKNOWN | | |
| Drill Start Date: | | Drill Finish Date: | 12/31/1946 |
| Log File Date: | | PCW Rev Date: | |
| Pump Type: | | Pipe Discharge Size: | |
| Casing Size: | 6.38 | Depth Well: | 300 feet |
| | | Plug Date: | |
| | | Source: | |
| | | Estimated Yield: | 6 GPM |
| | | Depth Water: | 292 feet |

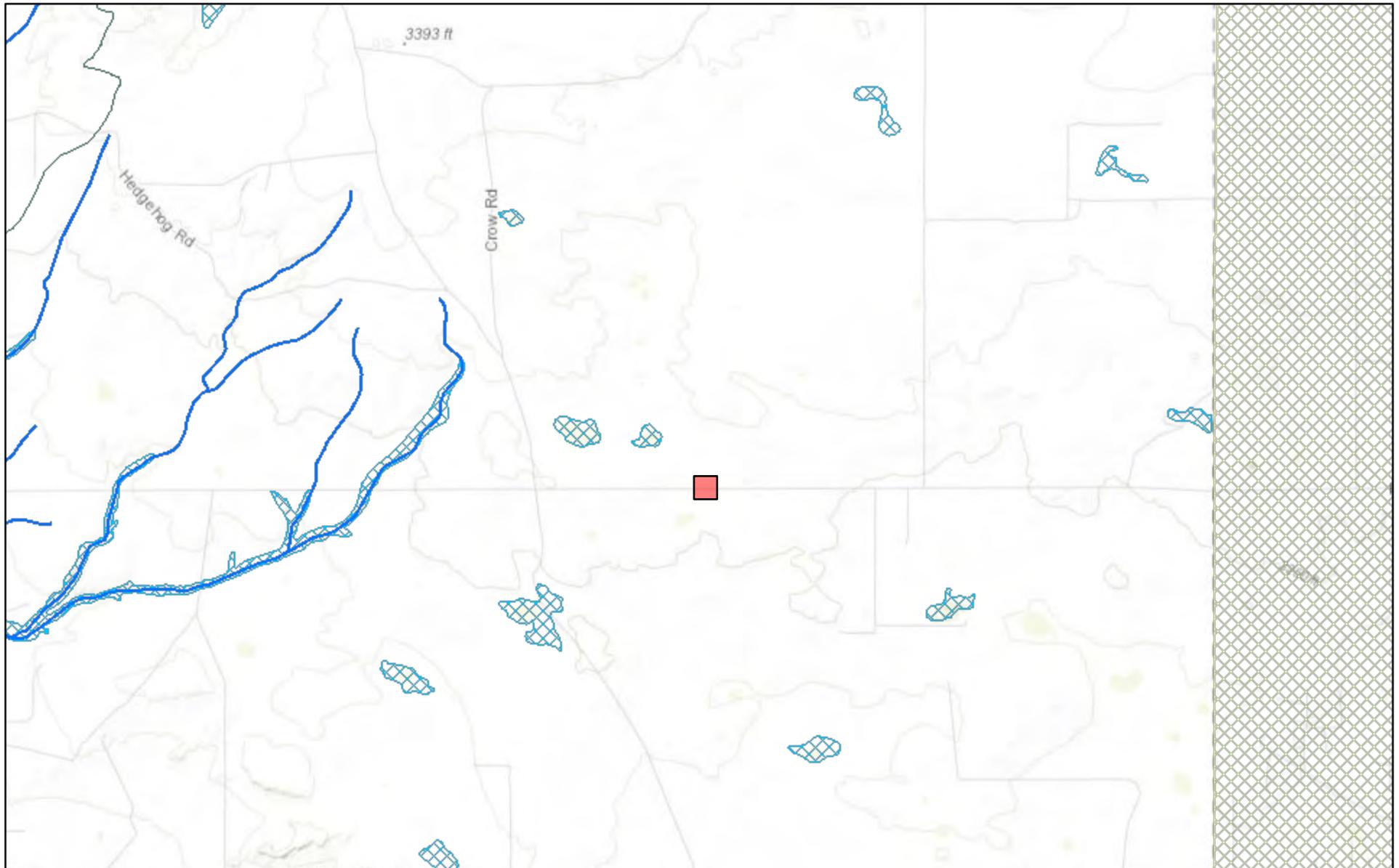
*UTM location was derived from PLSS - see Help

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.

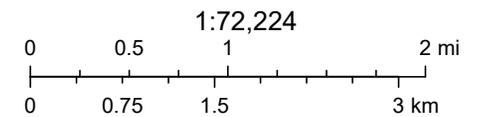
8/2/23 9:05 AM

POINT OF DIVERSION SUMMARY

New Mexico NFHL Data



August 2, 2023



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

nmflood.org is made possible through a collaboration with NMDHSEM,

This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

Ashton Thielke

From: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Sent: Monday, August 14, 2023 10:16 AM
To: Ashton Thielke
Subject: RE: [EXTERNAL] NAPP2321953140 - DEEP ELEM 4 FED COM CTB LAY FLAT LINE STRIKE - Groundwater Variance

Ashton,

There doesn't seem to be any wetlands, karst, or flood plain issues with the site. For future reference, 0.6 miles is slightly outside the 1/2 mile radius that we require for a reference groundwater depth. Generally, any reference groundwater depth further out than this would require a borehole for groundwater depth determination.

The Variance Request for 100' groundwater depth determination is approved. Please include this e-mail correspondence in the remediation and/or closure report.

Regards,

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave. | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Ashton Thielke <ThielkeA@carmonaresources.com>
Sent: Friday, August 11, 2023 9:49 AM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Subject: [EXTERNAL] NAPP2321953140 - DEEP ELEM 4 FED COM CTB LAY FLAT LINE STRIKE - Groundwater Variance

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

Good morning Robert,

On behalf of EOG, I am requesting a groundwater variance for the above-mentioned site. Attached is groundwater research of the site that include nearby water wells I have found in my research. The nearest water well has a depth of 275.49' and was drilled in 1998, located 0.65 miles southeast from the nearest horizontal extent of the spill area. The site is not located in a high karst environment.

Due to the depth of local groundwater and the site being not located in a high karst, EOG requests a closure criteria variance to reflect groundwater 100'+ as shown in Table 1 of 19.15.29.12 NMAC.

Feel free to contact me if you have any questions!

Thanks,

Ashton Thielke

310 West Wall Street, Suite 500

Midland TX, 79701

M: 432-813-8988 C: 281-753-5659

ThielkeA@carmonaresources.com

CARMONA RESOURCES



APPENDIX E

CARMONA RESOURCES





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
 Carmona Resources
 310 W Wall St
 Ste 500
 Midland, Texas 79701

Generated 8/15/2023 12:31:01 PM

JOB DESCRIPTION

Deep Elm AST Spill (Pipeline Road)
 SDG NUMBER Eddy County, New Mexico

JOB NUMBER

880-31826-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

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

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

Authorization



Generated
8/15/2023 12:31:01 PM

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

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Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Laboratory Job ID: 880-31826-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

| Qualifier | Qualifier Description |
|-----------|--|
| F1 | MS and/or MSD recovery exceeds control limits. |
| S1+ | Surrogate recovery exceeds control limits, high biased. |
| U | Indicates the analyte was analyzed for but not detected. |

HPLC/IC

| Qualifier | Qualifier Description |
|-----------|--|
| F1 | MS and/or MSD recovery exceeds control limits. |
| U | Indicates the analyte was analyzed for but not detected. |

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Job ID: 880-31826-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-31826-1

Receipt

The samples were received on 8/9/2023 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -13.3°C

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-3 (0-1.0') (880-31826-3), S-9 (0-1.0') (880-31826-9), S-11 (0-0.5') (880-31826-11), S-13 (0-1.0') (880-31826-13), S-15 (0-1.0') (880-31826-18) and S-16 (1.5') (880-31826-23). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-59852/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-59869 recovered below the lower control limit for Benzene, Toluene and Ethylbenzene. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-59869/33).

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-11 (0-0.5') (880-31826-11), S-12 (0-1.0') (880-31826-12), S-13 (0-1.0') (880-31826-13), S-13 (1.5') (880-31826-14), S-13 (2.0') (880-31826-15), S-13 (3.0') (880-31826-16), S-14 (0-1.0') (880-31826-17), S-15 (0-1.0') (880-31826-18), S-15 (1.5') (880-31826-19), S-15 (2.0') (880-31826-20), S-15 (3.0') (880-31826-21), S-16 (0-1.0') (880-31826-22), S-16 (1.5') (880-31826-23), S-16 (2.0') (880-31826-24), S-17 (0-1.0') (880-31826-25), S-17 (1.5') (880-31826-26), S-17 (2.0') (880-31826-27), S-18 (0-1.0') (880-31826-28), S-18 (1.5') (880-31826-29), S-18 (2.0') (880-31826-30), (CCV 880-59899/20), (CCV 880-59899/31), (CCV 880-59899/47), (CCV 880-59899/5), (CCV 880-59899/58), (LCS 880-59849/2-A), (LCS 880-59849/3-A), (MB 880-59849/1-A), (RTC 880-59899/3), (880-31826-A-11-D MS) and (880-31826-A-11-E MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-59899 recovered above the upper control limit for Gasoline Range Organics (GRO)-C6-C10. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-59899/31).

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-59849 and analytical batch 880-59899 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-59785 and analytical batch 880-59901 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-59901/31), (CCV 880-59901/47), (CCV 880-59901/58), (LCS 880-59785/2-A) and (LCS 880-59785/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-31304-A-1-H MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-7 (0-1.0') (880-31826-7) and S-9 (0-1.0') (880-31826-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Case Narrative

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Job ID: 880-31826-1 (Continued)

Laboratory: Eurofins Midland (Continued)

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-59728 and analytical batch 880-59864 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

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Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-1 (0-1.0')

Lab Sample ID: 880-31826-1

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:25 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:25 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:25 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:25 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:25 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:25 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 100 | | 70 - 130 | 08/10/23 09:33 | 08/10/23 17:25 | 1 |
| 1,4-Difluorobenzene (Surr) | 106 | | 70 - 130 | 08/10/23 09:33 | 08/10/23 17:25 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 73.2 | | 49.6 | | mg/Kg | | | 08/14/23 22:22 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 01:34 | 1 |
| Diesel Range Organics (Over C10-C28) | 73.2 | | 49.6 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 01:34 | 1 |
| Oil Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 01:34 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 74 | | 70 - 130 | 08/09/23 16:40 | 08/12/23 01:34 | 1 |
| o-Terphenyl | 82 | | 70 - 130 | 08/09/23 16:40 | 08/12/23 01:34 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 4400 | | 24.9 | | mg/Kg | | | 08/10/23 17:44 | 5 |

Client Sample ID: S-2 (0-1.0')

Lab Sample ID: 880-31826-2

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:46 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:46 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:46 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:46 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:46 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:46 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 84 | | 70 - 130 | 08/10/23 09:33 | 08/10/23 17:46 | 1 |
| 1,4-Difluorobenzene (Surr) | 77 | | 70 - 130 | 08/10/23 09:33 | 08/10/23 17:46 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-2 (0-1.0')

Lab Sample ID: 880-31826-2

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 97.5 | | 50.4 | | mg/Kg | | | 08/14/23 22:22 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 01:57 | 1 |
| Diesel Range Organics (Over C10-C28) | 97.5 | | 50.4 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 01:57 | 1 |
| Oil Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 01:57 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 92 | | 70 - 130 | | | | 08/09/23 16:40 | 08/12/23 01:57 | 1 |
| o-Terphenyl | 105 | | 70 - 130 | | | | 08/09/23 16:40 | 08/12/23 01:57 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 3170 | | 24.9 | | mg/Kg | | | 08/10/23 18:05 | 5 |

Client Sample ID: S-3 (0-1.0')

Lab Sample ID: 880-31826-3

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 18:06 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 18:06 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 18:06 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 18:06 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 18:06 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 18:06 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 88 | | 70 - 130 | | | | 08/10/23 09:33 | 08/10/23 18:06 | 1 |
| 1,4-Difluorobenzene (Surr) | 62 | S1- | 70 - 130 | | | | 08/10/23 09:33 | 08/10/23 18:06 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 74.8 | | 50.2 | | mg/Kg | | | 08/14/23 22:22 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|-------------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 02:20 | 1 |
| Diesel Range Organics (Over C10-C28) | 74.8 | | 50.2 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 02:20 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-3 (0-1.0')

Lab Sample ID: 880-31826-3

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 02:20 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 110 | | 70 - 130 | | | | 08/09/23 16:40 | 08/12/23 02:20 | 1 |
| o-Terphenyl | 122 | | 70 - 130 | | | | 08/09/23 16:40 | 08/12/23 02:20 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 6130 | | 50.4 | | mg/Kg | | | 08/10/23 18:12 | 10 |

Client Sample ID: S-4 (0-1.0')

Lab Sample ID: 880-31826-4

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 18:27 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 18:27 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 18:27 | 1 |
| m-Xylene & p-Xylene | <0.00397 | U | 0.00397 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 18:27 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 18:27 | 1 |
| Xylenes, Total | <0.00397 | U | 0.00397 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 18:27 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 78 | | 70 - 130 | | | | 08/10/23 09:33 | 08/10/23 18:27 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | | | | 08/10/23 09:33 | 08/10/23 18:27 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00397 | U | 0.00397 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 08/14/23 22:22 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 02:42 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 02:42 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 02:42 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 97 | | 70 - 130 | | | | 08/09/23 16:40 | 08/12/23 02:42 | 1 |
| o-Terphenyl | 109 | | 70 - 130 | | | | 08/09/23 16:40 | 08/12/23 02:42 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 3010 | | 25.0 | | mg/Kg | | | 08/10/23 18:19 | 5 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-5 (0-1.0')

Lab Sample ID: 880-31826-5

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 18:48 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 18:48 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 18:48 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 18:48 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 18:48 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 18:48 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 82 | | 70 - 130 | 08/10/23 09:33 | 08/10/23 18:48 | 1 |
| 1,4-Difluorobenzene (Surr) | 93 | | 70 - 130 | 08/10/23 09:33 | 08/10/23 18:48 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 63.7 | | 49.6 | | mg/Kg | | | 08/14/23 22:22 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 03:05 | 1 |
| Diesel Range Organics (Over C10-C28) | 63.7 | | 49.6 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 03:05 | 1 |
| Oil Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 03:05 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 97 | | 70 - 130 | 08/09/23 16:40 | 08/12/23 03:05 | 1 |
| o-Terphenyl | 114 | | 70 - 130 | 08/09/23 16:40 | 08/12/23 03:05 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 5550 | | 50.0 | | mg/Kg | | | 08/10/23 18:26 | 10 |

Client Sample ID: S-6 (0-1.0')

Lab Sample ID: 880-31826-6

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 19:08 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 19:08 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 19:08 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 19:08 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 19:08 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 19:08 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 84 | | 70 - 130 | 08/10/23 09:33 | 08/10/23 19:08 | 1 |
| 1,4-Difluorobenzene (Surr) | 75 | | 70 - 130 | 08/10/23 09:33 | 08/10/23 19:08 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-6 (0-1.0')

Lab Sample ID: 880-31826-6

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 08/14/23 22:22 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 03:28 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 03:28 | 1 |
| Oil Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 03:28 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 101 | | 70 - 130 | | | | 08/09/23 16:40 | 08/12/23 03:28 | 1 |
| o-Terphenyl | 113 | | 70 - 130 | | | | 08/09/23 16:40 | 08/12/23 03:28 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 6250 | | 49.9 | | mg/Kg | | | 08/10/23 18:34 | 10 |

Client Sample ID: S-7 (0-1.0')

Lab Sample ID: 880-31826-7

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 19:29 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 19:29 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 19:29 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 19:29 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 19:29 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 19:29 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 86 | | 70 - 130 | | | | 08/10/23 09:33 | 08/10/23 19:29 | 1 |
| 1,4-Difluorobenzene (Surr) | 71 | | 70 - 130 | | | | 08/10/23 09:33 | 08/10/23 19:29 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 64.2 | | 49.5 | | mg/Kg | | | 08/14/23 22:22 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.5 | U | 49.5 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 03:50 | 1 |
| Diesel Range Organics (Over C10-C28) | 64.2 | | 49.5 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 03:50 | 1 |

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Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-7 (0-1.0')

Lab Sample ID: 880-31826-7

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <49.5 | U | 49.5 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 03:50 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 119 | | 70 - 130 | | | | 08/09/23 16:40 | 08/12/23 03:50 | 1 |
| o-Terphenyl | 137 | S1+ | 70 - 130 | | | | 08/09/23 16:40 | 08/12/23 03:50 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 4640 | | 25.1 | | mg/Kg | | | 08/10/23 18:41 | 5 |

Client Sample ID: S-8 (0-1.0')

Lab Sample ID: 880-31826-8

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 19:49 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 19:49 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 19:49 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 19:49 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 19:49 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 19:49 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 88 | | 70 - 130 | | | | 08/10/23 09:33 | 08/10/23 19:49 | 1 |
| 1,4-Difluorobenzene (Surr) | 73 | | 70 - 130 | | | | 08/10/23 09:33 | 08/10/23 19:49 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 55.6 | | 50.0 | | mg/Kg | | | 08/14/23 22:22 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|-------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 04:13 | 1 |
| Diesel Range Organics (Over C10-C28) | 55.6 | | 50.0 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 04:13 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 04:13 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 103 | | 70 - 130 | | | | 08/09/23 16:40 | 08/12/23 04:13 | 1 |
| o-Terphenyl | 120 | | 70 - 130 | | | | 08/09/23 16:40 | 08/12/23 04:13 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 4760 | | 24.9 | | mg/Kg | | | 08/10/23 18:48 | 5 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-9 (0-1.0')

Lab Sample ID: 880-31826-9

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 20:10 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 20:10 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 20:10 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 20:10 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 20:10 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 20:10 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 90 | | 70 - 130 | 08/10/23 09:33 | 08/10/23 20:10 | 1 |
| 1,4-Difluorobenzene (Surr) | 60 | S1- | 70 - 130 | 08/10/23 09:33 | 08/10/23 20:10 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 08/14/23 22:22 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 04:35 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 04:35 | 1 |
| Oil Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 04:35 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 112 | | 70 - 130 | 08/09/23 16:40 | 08/12/23 04:35 | 1 |
| o-Terphenyl | 131 | S1+ | 70 - 130 | 08/09/23 16:40 | 08/12/23 04:35 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 2930 | | 25.2 | | mg/Kg | | | 08/10/23 12:20 | 5 |

Client Sample ID: S-10 (0-0.5')

Lab Sample ID: 880-31826-10

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 20:30 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 20:30 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 20:30 | 1 |
| m-Xylene & p-Xylene | <0.00404 | U | 0.00404 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 20:30 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 20:30 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 20:30 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 109 | | 70 - 130 | 08/10/23 09:33 | 08/10/23 20:30 | 1 |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 | 08/10/23 09:33 | 08/10/23 20:30 | 1 |

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Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-10 (0-0.5')

Lab Sample ID: 880-31826-10

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 58.5 | | 50.1 | | mg/Kg | | | 08/14/23 22:22 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 04:56 | 1 |
| Diesel Range Organics (Over C10-C28) | 58.5 | | 50.1 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 04:56 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 08/09/23 16:40 | 08/12/23 04:56 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 104 | | 70 - 130 | | | | 08/09/23 16:40 | 08/12/23 04:56 | 1 |
| o-Terphenyl | 123 | | 70 - 130 | | | | 08/09/23 16:40 | 08/12/23 04:56 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 6350 | | 50.2 | | mg/Kg | | | 08/10/23 12:36 | 10 |

Client Sample ID: S-11 (0-0.5')

Lab Sample ID: 880-31826-11

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 21:53 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 21:53 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 21:53 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 21:53 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 21:53 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 21:53 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 85 | | 70 - 130 | | | | 08/10/23 09:33 | 08/10/23 21:53 | 1 |
| 1,4-Difluorobenzene (Surr) | 66 | S1- | 70 - 130 | | | | 08/10/23 09:33 | 08/10/23 21:53 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 08/14/23 17:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 08/10/23 11:20 | 08/11/23 20:39 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U F1 | 50.3 | | mg/Kg | | 08/10/23 11:20 | 08/11/23 20:39 | 1 |

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Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-11 (0-0.5')

Lab Sample ID: 880-31826-11

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 08/10/23 11:20 | 08/11/23 20:39 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 139 | S1+ | 70 - 130 | | | | 08/10/23 11:20 | 08/11/23 20:39 | 1 |
| o-Terphenyl | 124 | | 70 - 130 | | | | 08/10/23 11:20 | 08/11/23 20:39 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 5570 | | 49.9 | | mg/Kg | | | 08/10/23 12:42 | 10 |

Client Sample ID: S-12 (0-1.0')

Lab Sample ID: 880-31826-12

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 22:14 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 22:14 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 22:14 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 22:14 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 22:14 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 22:14 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 107 | | 70 - 130 | | | | 08/10/23 09:33 | 08/10/23 22:14 | 1 |
| 1,4-Difluorobenzene (Surr) | 104 | | 70 - 130 | | | | 08/10/23 09:33 | 08/10/23 22:14 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 08/14/23 17:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 08/10/23 11:20 | 08/11/23 21:46 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 08/10/23 11:20 | 08/11/23 21:46 | 1 |
| Oil Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 08/10/23 11:20 | 08/11/23 21:46 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 157 | S1+ | 70 - 130 | | | | 08/10/23 11:20 | 08/11/23 21:46 | 1 |
| o-Terphenyl | 138 | S1+ | 70 - 130 | | | | 08/10/23 11:20 | 08/11/23 21:46 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|-----|-----|-------|---|----------|----------------|---------|
| Chloride | 9850 | | 101 | | mg/Kg | | | 08/10/23 12:48 | 20 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-13 (0-1.0')

Lab Sample ID: 880-31826-13

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 22:34 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 22:34 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 22:34 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 22:34 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 22:34 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 22:34 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 81 | | 70 - 130 | 08/10/23 09:33 | 08/10/23 22:34 | 1 |
| 1,4-Difluorobenzene (Surr) | 66 | S1- | 70 - 130 | 08/10/23 09:33 | 08/10/23 22:34 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 08/14/23 17:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 08/10/23 11:20 | 08/11/23 22:09 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 08/10/23 11:20 | 08/11/23 22:09 | 1 |
| Oil Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 08/10/23 11:20 | 08/11/23 22:09 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 139 | S1+ | 70 - 130 | 08/10/23 11:20 | 08/11/23 22:09 | 1 |
| o-Terphenyl | 123 | | 70 - 130 | 08/10/23 11:20 | 08/11/23 22:09 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 4690 | | 50.3 | | mg/Kg | | | 08/10/23 12:53 | 10 |

Client Sample ID: S-13 (1.5')

Lab Sample ID: 880-31826-14

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 22:55 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 22:55 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 22:55 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 22:55 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 22:55 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 22:55 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 80 | | 70 - 130 | 08/10/23 09:33 | 08/10/23 22:55 | 1 |
| 1,4-Difluorobenzene (Surr) | 77 | | 70 - 130 | 08/10/23 09:33 | 08/10/23 22:55 | 1 |

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Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-13 (1.5')

Lab Sample ID: 880-31826-14

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 08/14/23 17:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 08/10/23 11:20 | 08/11/23 22:32 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 08/10/23 11:20 | 08/11/23 22:32 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 08/10/23 11:20 | 08/11/23 22:32 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 157 | S1+ | 70 - 130 | | | | 08/10/23 11:20 | 08/11/23 22:32 | 1 |
| o-Terphenyl | 138 | S1+ | 70 - 130 | | | | 08/10/23 11:20 | 08/11/23 22:32 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 4890 | | 50.2 | | mg/Kg | | | 08/10/23 13:10 | 10 |

Client Sample ID: S-13 (2.0')

Lab Sample ID: 880-31826-15

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 23:15 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 23:15 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 23:15 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 23:15 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 23:15 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 23:15 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 82 | | 70 - 130 | | | | 08/10/23 09:33 | 08/10/23 23:15 | 1 |
| 1,4-Difluorobenzene (Surr) | 73 | | 70 - 130 | | | | 08/10/23 09:33 | 08/10/23 23:15 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 08/14/23 17:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 08/10/23 11:20 | 08/11/23 22:55 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 08/10/23 11:20 | 08/11/23 22:55 | 1 |

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Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-13 (2.0')

Lab Sample ID: 880-31826-15

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 08/10/23 11:20 | 08/11/23 22:55 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 173 | S1+ | 70 - 130 | | | | 08/10/23 11:20 | 08/11/23 22:55 | 1 |
| o-Terphenyl | 152 | S1+ | 70 - 130 | | | | 08/10/23 11:20 | 08/11/23 22:55 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 4840 | | 50.0 | | mg/Kg | | | 08/10/23 13:16 | 10 |

Client Sample ID: S-13 (3.0')

Lab Sample ID: 880-31826-16

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 23:36 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 23:36 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 23:36 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 23:36 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 23:36 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 23:36 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 105 | | 70 - 130 | | | | 08/10/23 09:33 | 08/10/23 23:36 | 1 |
| 1,4-Difluorobenzene (Surr) | 75 | | 70 - 130 | | | | 08/10/23 09:33 | 08/10/23 23:36 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 08/14/23 17:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 08/10/23 11:20 | 08/11/23 23:17 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 08/10/23 11:20 | 08/11/23 23:17 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 08/10/23 11:20 | 08/11/23 23:17 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 152 | S1+ | 70 - 130 | | | | 08/10/23 11:20 | 08/11/23 23:17 | 1 |
| o-Terphenyl | 136 | S1+ | 70 - 130 | | | | 08/10/23 11:20 | 08/11/23 23:17 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 1450 | | 24.9 | | mg/Kg | | | 08/10/23 13:22 | 5 |

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Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-14 (0-1.0')

Lab Sample ID: 880-31826-17

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 23:56 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 23:56 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 23:56 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 23:56 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 23:56 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 23:56 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 81 | | 70 - 130 | 08/10/23 09:33 | 08/10/23 23:56 | 1 |
| 1,4-Difluorobenzene (Surr) | 72 | | 70 - 130 | 08/10/23 09:33 | 08/10/23 23:56 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 08/14/23 17:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 08/10/23 11:20 | 08/11/23 23:40 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 08/10/23 11:20 | 08/11/23 23:40 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 08/10/23 11:20 | 08/11/23 23:40 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 162 | S1+ | 70 - 130 | 08/10/23 11:20 | 08/11/23 23:40 | 1 |
| o-Terphenyl | 142 | S1+ | 70 - 130 | 08/10/23 11:20 | 08/11/23 23:40 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 4490 | | 24.8 | | mg/Kg | | | 08/10/23 13:28 | 5 |

Client Sample ID: S-15 (0-1.0')

Lab Sample ID: 880-31826-18

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 08/10/23 09:33 | 08/11/23 00:17 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 08/10/23 09:33 | 08/11/23 00:17 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 08/10/23 09:33 | 08/11/23 00:17 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 08/10/23 09:33 | 08/11/23 00:17 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 08/10/23 09:33 | 08/11/23 00:17 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 08/10/23 09:33 | 08/11/23 00:17 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 78 | | 70 - 130 | 08/10/23 09:33 | 08/11/23 00:17 | 1 |
| 1,4-Difluorobenzene (Surr) | 69 | S1- | 70 - 130 | 08/10/23 09:33 | 08/11/23 00:17 | 1 |

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Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-15 (0-1.0')

Lab Sample ID: 880-31826-18

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 08/14/23 17:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 00:03 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 00:03 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 00:03 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 153 | S1+ | 70 - 130 | 08/10/23 11:20 | 08/12/23 00:03 | 1 |
| o-Terphenyl | 134 | S1+ | 70 - 130 | 08/10/23 11:20 | 08/12/23 00:03 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 3870 | | 25.1 | | mg/Kg | | | 08/10/23 13:33 | 5 |

Client Sample ID: S-15 (1.5')

Lab Sample ID: 880-31826-19

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 09:33 | 08/11/23 00:37 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 09:33 | 08/11/23 00:37 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 09:33 | 08/11/23 00:37 | 1 |
| m-Xylene & p-Xylene | <0.00404 | U | 0.00404 | | mg/Kg | | 08/10/23 09:33 | 08/11/23 00:37 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 09:33 | 08/11/23 00:37 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 08/10/23 09:33 | 08/11/23 00:37 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 89 | | 70 - 130 | 08/10/23 09:33 | 08/11/23 00:37 | 1 |
| 1,4-Difluorobenzene (Surr) | 70 | | 70 - 130 | 08/10/23 09:33 | 08/11/23 00:37 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 08/14/23 17:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 00:26 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 00:26 | 1 |

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Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-15 (1.5')

Lab Sample ID: 880-31826-19

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 00:26 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 149 | S1+ | 70 - 130 | | | | 08/10/23 11:20 | 08/12/23 00:26 | 1 |
| o-Terphenyl | 132 | S1+ | 70 - 130 | | | | 08/10/23 11:20 | 08/12/23 00:26 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 4660 | | 50.5 | | mg/Kg | | | 08/10/23 13:39 | 10 |

Client Sample ID: S-15 (2.0')

Lab Sample ID: 880-31826-20

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 09:33 | 08/11/23 00:58 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 09:33 | 08/11/23 00:58 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 09:33 | 08/11/23 00:58 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | | mg/Kg | | 08/10/23 09:33 | 08/11/23 00:58 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 09:33 | 08/11/23 00:58 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 08/10/23 09:33 | 08/11/23 00:58 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 77 | | 70 - 130 | | | | 08/10/23 09:33 | 08/11/23 00:58 | 1 |
| 1,4-Difluorobenzene (Surr) | 75 | | 70 - 130 | | | | 08/10/23 09:33 | 08/11/23 00:58 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 08/14/23 17:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 00:48 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 00:48 | 1 |
| Oil Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 00:48 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 172 | S1+ | 70 - 130 | | | | 08/10/23 11:20 | 08/12/23 00:48 | 1 |
| o-Terphenyl | 150 | S1+ | 70 - 130 | | | | 08/10/23 11:20 | 08/12/23 00:48 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 4670 | | 49.9 | | mg/Kg | | | 08/10/23 13:56 | 10 |

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Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-15 (3.0')

Lab Sample ID: 880-31826-21

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 06:45 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 06:45 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 06:45 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 06:45 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 06:45 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 06:45 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 82 | | 70 - 130 | 08/10/23 11:41 | 08/11/23 06:45 | 1 |
| 1,4-Difluorobenzene (Surr) | 70 | | 70 - 130 | 08/10/23 11:41 | 08/11/23 06:45 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 08/14/23 17:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 01:34 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 01:34 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 01:34 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 143 | S1+ | 70 - 130 | 08/10/23 11:20 | 08/12/23 01:34 | 1 |
| o-Terphenyl | 124 | | 70 - 130 | 08/10/23 11:20 | 08/12/23 01:34 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 3710 | | 24.9 | | mg/Kg | | | 08/10/23 14:01 | 5 |

Client Sample ID: S-16 (0-1.0')

Lab Sample ID: 880-31826-22

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 07:06 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 07:06 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 07:06 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 07:06 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 07:06 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 07:06 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 78 | | 70 - 130 | 08/10/23 11:41 | 08/11/23 07:06 | 1 |
| 1,4-Difluorobenzene (Surr) | 73 | | 70 - 130 | 08/10/23 11:41 | 08/11/23 07:06 | 1 |

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Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-16 (0-1.0')

Lab Sample ID: 880-31826-22

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 08/14/23 17:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 01:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 01:57 | 1 |
| Oil Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 01:57 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 139 | S1+ | 70 - 130 | | | | 08/10/23 11:20 | 08/12/23 01:57 | 1 |
| o-Terphenyl | 124 | | 70 - 130 | | | | 08/10/23 11:20 | 08/12/23 01:57 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 5090 | | 49.7 | | mg/Kg | | | 08/10/23 14:18 | 10 |

Client Sample ID: S-16 (1.5')

Lab Sample ID: 880-31826-23

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 09:23 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 09:23 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 09:23 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 09:23 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 09:23 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 09:23 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 88 | | 70 - 130 | | | | 08/10/23 11:41 | 08/11/23 09:23 | 1 |
| 1,4-Difluorobenzene (Surr) | 59 | S1- | 70 - 130 | | | | 08/10/23 11:41 | 08/11/23 09:23 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 08/14/23 17:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 02:20 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 02:20 | 1 |

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Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-16 (1.5')

Lab Sample ID: 880-31826-23

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 02:20 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 145 | S1+ | 70 - 130 | | | | 08/10/23 11:20 | 08/12/23 02:20 | 1 |
| o-Terphenyl | 129 | | 70 - 130 | | | | 08/10/23 11:20 | 08/12/23 02:20 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 5820 | | 50.4 | | mg/Kg | | | 08/10/23 14:24 | 10 |

Client Sample ID: S-16 (2.0')

Lab Sample ID: 880-31826-24

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 09:44 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 09:44 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 09:44 | 1 |
| m-Xylene & p-Xylene | <0.00404 | U | 0.00404 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 09:44 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 09:44 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 09:44 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 77 | | 70 - 130 | | | | 08/10/23 11:41 | 08/11/23 09:44 | 1 |
| 1,4-Difluorobenzene (Surr) | 93 | | 70 - 130 | | | | 08/10/23 11:41 | 08/11/23 09:44 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 08/14/23 17:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 02:42 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 02:42 | 1 |
| Oil Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 02:42 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 151 | S1+ | 70 - 130 | | | | 08/10/23 11:20 | 08/12/23 02:42 | 1 |
| o-Terphenyl | 133 | S1+ | 70 - 130 | | | | 08/10/23 11:20 | 08/12/23 02:42 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 6920 | | 50.0 | | mg/Kg | | | 08/10/23 14:30 | 10 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-17 (0-1.0')

Lab Sample ID: 880-31826-25

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 10:04 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 10:04 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 10:04 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 10:04 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 10:04 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 10:04 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 81 | | 70 - 130 | 08/10/23 11:41 | 08/11/23 10:04 | 1 |
| 1,4-Difluorobenzene (Surr) | 71 | | 70 - 130 | 08/10/23 11:41 | 08/11/23 10:04 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 08/14/23 17:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 03:05 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 03:05 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 03:05 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 152 | S1+ | 70 - 130 | 08/10/23 11:20 | 08/12/23 03:05 | 1 |
| o-Terphenyl | 135 | S1+ | 70 - 130 | 08/10/23 11:20 | 08/12/23 03:05 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 5310 | | 50.0 | | mg/Kg | | | 08/10/23 14:35 | 10 |

Client Sample ID: S-17 (1.5')

Lab Sample ID: 880-31826-26

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 10:25 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 10:25 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 10:25 | 1 |
| m-Xylene & p-Xylene | <0.00397 | U | 0.00397 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 10:25 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 10:25 | 1 |
| Xylenes, Total | <0.00397 | U | 0.00397 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 10:25 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 78 | | 70 - 130 | 08/10/23 11:41 | 08/11/23 10:25 | 1 |
| 1,4-Difluorobenzene (Surr) | 80 | | 70 - 130 | 08/10/23 11:41 | 08/11/23 10:25 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-17 (1.5')

Lab Sample ID: 880-31826-26

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00397 | U | 0.00397 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 08/14/23 17:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 03:28 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 03:28 | 1 |
| Oil Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 03:28 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 147 | S1+ | 70 - 130 | 08/10/23 11:20 | 08/12/23 03:28 | 1 |
| o-Terphenyl | 131 | S1+ | 70 - 130 | 08/10/23 11:20 | 08/12/23 03:28 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 4870 | | 49.9 | | mg/Kg | | | 08/10/23 14:41 | 10 |

Client Sample ID: S-17 (2.0')

Lab Sample ID: 880-31826-27

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 10:45 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 10:45 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 10:45 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 10:45 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 10:45 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 10:45 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 91 | | 70 - 130 | 08/10/23 11:41 | 08/11/23 10:45 | 1 |
| 1,4-Difluorobenzene (Surr) | 62 | S1- | 70 - 130 | 08/10/23 11:41 | 08/11/23 10:45 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 08/11/23 14:31 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 08/14/23 17:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 03:50 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 03:50 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-17 (2.0')

Lab Sample ID: 880-31826-27

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 03:50 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 148 | S1+ | 70 - 130 | | | | 08/10/23 11:20 | 08/12/23 03:50 | 1 |
| o-Terphenyl | 131 | S1+ | 70 - 130 | | | | 08/10/23 11:20 | 08/12/23 03:50 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 4190 | | 25.1 | | mg/Kg | | | 08/10/23 14:47 | 5 |

Client Sample ID: S-18 (0-1.0')

Lab Sample ID: 880-31826-28

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 11:06 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 11:06 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 11:06 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 11:06 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 11:06 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 11:06 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 96 | | 70 - 130 | | | | 08/10/23 11:41 | 08/11/23 11:06 | 1 |
| 1,4-Difluorobenzene (Surr) | 63 | S1- | 70 - 130 | | | | 08/10/23 11:41 | 08/11/23 11:06 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | | 08/11/23 14:31 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 08/14/23 17:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 04:13 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 04:13 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 04:13 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 167 | S1+ | 70 - 130 | | | | 08/10/23 11:20 | 08/12/23 04:13 | 1 |
| o-Terphenyl | 144 | S1+ | 70 - 130 | | | | 08/10/23 11:20 | 08/12/23 04:13 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 3430 | | 24.9 | | mg/Kg | | | 08/10/23 14:52 | 5 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-18 (1.5')

Lab Sample ID: 880-31826-29

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 11:26 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 11:26 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 11:26 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 11:26 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 11:26 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 11:26 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 96 | | 70 - 130 | 08/10/23 11:41 | 08/11/23 11:26 | 1 |
| 1,4-Difluorobenzene (Surr) | 77 | | 70 - 130 | 08/10/23 11:41 | 08/11/23 11:26 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 08/11/23 14:31 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 08/14/23 17:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 04:35 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 04:35 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 04:35 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 140 | S1+ | 70 - 130 | 08/10/23 11:20 | 08/12/23 04:35 | 1 |
| o-Terphenyl | 122 | | 70 - 130 | 08/10/23 11:20 | 08/12/23 04:35 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 571 | | 4.99 | | mg/Kg | | | 08/10/23 02:00 | 1 |

Client Sample ID: S-18 (2.0')

Lab Sample ID: 880-31826-30

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 11:47 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 11:47 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 11:47 | 1 |
| m-Xylene & p-Xylene | <0.00404 | U | 0.00404 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 11:47 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 11:47 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 11:47 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 93 | | 70 - 130 | 08/10/23 11:41 | 08/11/23 11:47 | 1 |
| 1,4-Difluorobenzene (Surr) | 62 | S1- | 70 - 130 | 08/10/23 11:41 | 08/11/23 11:47 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-18 (2.0')

Lab Sample ID: 880-31826-30

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 08/11/23 14:31 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 08/14/23 17:39 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 04:56 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 04:56 | 1 |
| Oil Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 08/10/23 11:20 | 08/12/23 04:56 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 150 | S1+ | 70 - 130 | | | | 08/10/23 11:20 | 08/12/23 04:56 | 1 |
| o-Terphenyl | 130 | | 70 - 130 | | | | 08/10/23 11:20 | 08/12/23 04:56 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 803 | | 5.01 | | mg/Kg | | | 08/10/23 02:05 | 1 |

Surrogate Summary

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | |
|--------------------|------------------------|--|-------------------|
| | | BFB1 (70-130) | DFBZ1 (70-130) |
| 880-31826-1 | S-1 (0-1.0') | 100 | 106 |
| 880-31826-1 MS | S-1 (0-1.0') | 113 | 125 |
| 880-31826-1 MSD | S-1 (0-1.0') | 112 | 100 |
| 880-31826-2 | S-2 (0-1.0') | 84 | 77 |
| 880-31826-3 | S-3 (0-1.0') | 88 | 62 S1- |
| 880-31826-4 | S-4 (0-1.0') | 78 | 98 |
| 880-31826-5 | S-5 (0-1.0') | 82 | 93 |
| 880-31826-6 | S-6 (0-1.0') | 84 | 75 |
| 880-31826-7 | S-7 (0-1.0') | 86 | 71 |
| 880-31826-8 | S-8 (0-1.0') | 88 | 73 |
| 880-31826-9 | S-9 (0-1.0') | 90 | 60 S1- |
| 880-31826-10 | S-10 (0-0.5') | 109 | 96 |
| 880-31826-11 | S-11 (0-0.5') | 85 | 66 S1- |
| 880-31826-12 | S-12 (0-1.0') | 107 | 104 |
| 880-31826-13 | S-13 (0-1.0') | 81 | 66 S1- |
| 880-31826-14 | S-13 (1.5') | 80 | 77 |
| 880-31826-15 | S-13 (2.0') | 82 | 73 |
| 880-31826-16 | S-13 (3.0') | 105 | 75 |
| 880-31826-17 | S-14 (0-1.0') | 81 | 72 |
| 880-31826-18 | S-15 (0-1.0') | 78 | 69 S1- |
| 880-31826-19 | S-15 (1.5') | 89 | 70 |
| 880-31826-20 | S-15 (2.0') | 77 | 75 |
| 880-31826-21 | S-15 (3.0') | 82 | 70 |
| 880-31826-22 | S-16 (0-1.0') | 78 | 73 |
| 880-31826-23 | S-16 (1.5') | 88 | 59 S1- |
| 880-31826-24 | S-16 (2.0') | 77 | 93 |
| 880-31826-25 | S-17 (0-1.0') | 81 | 71 |
| 880-31826-26 | S-17 (1.5') | 78 | 80 |
| 880-31826-27 | S-17 (2.0') | 91 | 62 S1- |
| 880-31826-28 | S-18 (0-1.0') | 96 | 63 S1- |
| 880-31826-29 | S-18 (1.5') | 96 | 77 |
| 880-31826-30 | S-18 (2.0') | 93 | 62 S1- |
| LCS 880-59833/1-A | Lab Control Sample | 106 | 123 |
| LCS 880-59852/1-A | Lab Control Sample | 125 | 113 |
| LCSD 880-59833/2-A | Lab Control Sample Dup | 112 | 99 |
| LCSD 880-59852/2-A | Lab Control Sample Dup | 129 | 116 |
| MB 880-59833/5-A | Method Blank | 71 | 97 |
| MB 880-59852/5-A | Method Blank | 69 S1- | 83 |

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
 DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | |
|--------------------|------------------|--|-------------------|
| | | 1CO1 (70-130) | OTPH1 (70-130) |
| 880-31304-A-1-H MS | Matrix Spike | 131 S1+ | 139 S1+ |

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Surrogate Summary

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | |
|---------------------|------------------------|--|-------------------|
| | | 1CO1 (70-130) | OTPH1 (70-130) |
| 880-31304-A-1-I MSD | Matrix Spike Duplicate | 116 | 124 |
| 880-31826-1 | S-1 (0-1.0') | 74 | 82 |
| 880-31826-2 | S-2 (0-1.0') | 92 | 105 |
| 880-31826-3 | S-3 (0-1.0') | 110 | 122 |
| 880-31826-4 | S-4 (0-1.0') | 97 | 109 |
| 880-31826-5 | S-5 (0-1.0') | 97 | 114 |
| 880-31826-6 | S-6 (0-1.0') | 101 | 113 |
| 880-31826-7 | S-7 (0-1.0') | 119 | 137 S1+ |
| 880-31826-8 | S-8 (0-1.0') | 103 | 120 |
| 880-31826-9 | S-9 (0-1.0') | 112 | 131 S1+ |
| 880-31826-10 | S-10 (0-0.5') | 104 | 123 |
| 880-31826-11 | S-11 (0-0.5') | 139 S1+ | 124 |
| 880-31826-11 MS | S-11 (0-0.5') | 145 S1+ | 113 |
| 880-31826-11 MSD | S-11 (0-0.5') | 145 S1+ | 108 |
| 880-31826-12 | S-12 (0-1.0') | 157 S1+ | 138 S1+ |
| 880-31826-13 | S-13 (0-1.0') | 139 S1+ | 123 |
| 880-31826-14 | S-13 (1.5') | 157 S1+ | 138 S1+ |
| 880-31826-15 | S-13 (2.0') | 173 S1+ | 152 S1+ |
| 880-31826-16 | S-13 (3.0') | 152 S1+ | 136 S1+ |
| 880-31826-17 | S-14 (0-1.0') | 162 S1+ | 142 S1+ |
| 880-31826-18 | S-15 (0-1.0') | 153 S1+ | 134 S1+ |
| 880-31826-19 | S-15 (1.5') | 149 S1+ | 132 S1+ |
| 880-31826-20 | S-15 (2.0') | 172 S1+ | 150 S1+ |
| 880-31826-21 | S-15 (3.0') | 143 S1+ | 124 |
| 880-31826-22 | S-16 (0-1.0') | 139 S1+ | 124 |
| 880-31826-23 | S-16 (1.5') | 145 S1+ | 129 |
| 880-31826-24 | S-16 (2.0') | 151 S1+ | 133 S1+ |
| 880-31826-25 | S-17 (0-1.0') | 152 S1+ | 135 S1+ |
| 880-31826-26 | S-17 (1.5') | 147 S1+ | 131 S1+ |
| 880-31826-27 | S-17 (2.0') | 148 S1+ | 131 S1+ |
| 880-31826-28 | S-18 (0-1.0') | 167 S1+ | 144 S1+ |
| 880-31826-29 | S-18 (1.5') | 140 S1+ | 122 |
| 880-31826-30 | S-18 (2.0') | 150 S1+ | 130 |
| LCS 880-59785/2-A | Lab Control Sample | 111 | 140 S1+ |
| LCS 880-59849/2-A | Lab Control Sample | 172 S1+ | 145 S1+ |
| LCSD 880-59785/3-A | Lab Control Sample Dup | 114 | 144 S1+ |
| LCSD 880-59849/3-A | Lab Control Sample Dup | 184 S1+ | 155 S1+ |
| MB 880-59785/1-A | Method Blank | 113 | 136 S1+ |
| MB 880-59849/1-A | Method Blank | 134 S1+ | 121 |

Surrogate Legend

1CO = 1-Chlorooctane
 OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-59833/5-A
 Matrix: Solid
 Analysis Batch: 59869

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 59833

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:04 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:04 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:04 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:04 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:04 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:04 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 71 | | 70 - 130 | 08/10/23 09:33 | 08/10/23 17:04 | 1 |
| 1,4-Difluorobenzene (Surr) | 97 | | 70 - 130 | 08/10/23 09:33 | 08/10/23 17:04 | 1 |

Lab Sample ID: LCS 880-59833/1-A
 Matrix: Solid
 Analysis Batch: 59869

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 59833

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|-------------|------------|---------------|-------|---|------|-------------|
| Benzene | 0.100 | 0.09434 | | mg/Kg | | 94 | 70 - 130 |
| Toluene | 0.100 | 0.09901 | | mg/Kg | | 99 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.09619 | | mg/Kg | | 96 | 70 - 130 |
| m-Xylene & p-Xylene | 0.200 | 0.2125 | | mg/Kg | | 106 | 70 - 130 |
| o-Xylene | 0.100 | 0.1037 | | mg/Kg | | 104 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 106 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 123 | | 70 - 130 |

Lab Sample ID: LCSD 880-59833/2-A
 Matrix: Solid
 Analysis Batch: 59869

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 59833

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | Limit |
|---------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-------|
| Benzene | 0.100 | 0.09107 | | mg/Kg | | 91 | 70 - 130 | 4 | 35 |
| Toluene | 0.100 | 0.09909 | | mg/Kg | | 99 | 70 - 130 | 0 | 35 |
| Ethylbenzene | 0.100 | 0.09731 | | mg/Kg | | 97 | 70 - 130 | 1 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.2159 | | mg/Kg | | 108 | 70 - 130 | 2 | 35 |
| o-Xylene | 0.100 | 0.1055 | | mg/Kg | | 105 | 70 - 130 | 2 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|-----------------------------|----------------|----------------|----------|
| 4-Bromofluorobenzene (Surr) | 112 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 |

Lab Sample ID: 880-31826-1 MS
 Matrix: Solid
 Analysis Batch: 59869

Client Sample ID: S-1 (0-1.0')
 Prep Type: Total/NA
 Prep Batch: 59833

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Benzene | <0.00200 | U | 0.0998 | 0.09419 | | mg/Kg | | 94 | 70 - 130 |
| Toluene | <0.00200 | U | 0.0998 | 0.09376 | | mg/Kg | | 94 | 70 - 130 |

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QC Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-31826-1 MS
Matrix: Solid
Analysis Batch: 59869

Client Sample ID: S-1 (0-1.0')
Prep Type: Total/NA
Prep Batch: 59833

| Analyte | Sample | Sample | Spike | MS | MS | Unit | D | %Rec | %Rec |
|---------------------|----------|-----------|--------|---------|-----------|-------|---|------|----------|
| | Result | Qualifier | | Result | Qualifier | | | | |
| Ethylbenzene | <0.00200 | U | 0.0998 | 0.08809 | | mg/Kg | | 88 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.200 | 0.1894 | | mg/Kg | | 94 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.0998 | 0.09197 | | mg/Kg | | 92 | 70 - 130 |

| Surrogate | MS | MS | Limits |
|-----------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 4-Bromofluorobenzene (Surr) | 113 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 125 | | 70 - 130 |

Lab Sample ID: 880-31826-1 MSD
Matrix: Solid
Analysis Batch: 59869

Client Sample ID: S-1 (0-1.0')
Prep Type: Total/NA
Prep Batch: 59833

| Analyte | Sample | Sample | Spike | MSD | MSD | Unit | D | %Rec | %Rec | RPD | Limit |
|---------------------|----------|-----------|-------|---------|-----------|-------|---|------|----------|-----|-------|
| | Result | Qualifier | | Result | Qualifier | | | | | | |
| Benzene | <0.00200 | U | 0.101 | 0.09240 | | mg/Kg | | 92 | 70 - 130 | 2 | 35 |
| Toluene | <0.00200 | U | 0.101 | 0.09598 | | mg/Kg | | 95 | 70 - 130 | 2 | 35 |
| Ethylbenzene | <0.00200 | U | 0.101 | 0.09073 | | mg/Kg | | 90 | 70 - 130 | 3 | 35 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.201 | 0.1956 | | mg/Kg | | 97 | 70 - 130 | 3 | 35 |
| o-Xylene | <0.00200 | U | 0.101 | 0.09575 | | mg/Kg | | 95 | 70 - 130 | 4 | 35 |

| Surrogate | MSD | MSD | Limits |
|-----------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 4-Bromofluorobenzene (Surr) | 112 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 |

Lab Sample ID: MB 880-59852/5-A
Matrix: Solid
Analysis Batch: 59869

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 59852

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 03:40 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 03:40 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 03:40 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 03:40 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 03:40 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 03:40 | 1 |

| Surrogate | MB | MB | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| 4-Bromofluorobenzene (Surr) | 69 | S1- | 70 - 130 | 08/10/23 11:41 | 08/11/23 03:40 | 1 |
| 1,4-Difluorobenzene (Surr) | 83 | | 70 - 130 | 08/10/23 11:41 | 08/11/23 03:40 | 1 |

Lab Sample ID: LCS 880-59852/1-A
Matrix: Solid
Analysis Batch: 59869

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 59852

| Analyte | Spike | LCS | LCS | Unit | D | %Rec | %Rec |
|---------------------|-------|---------|-----|-------|---|------|----------|
| | | | | | | | |
| Benzene | 0.100 | 0.09269 | | mg/Kg | | 93 | 70 - 130 |
| Toluene | 0.100 | 0.1027 | | mg/Kg | | 103 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.1049 | | mg/Kg | | 105 | 70 - 130 |
| m-Xylene & p-Xylene | 0.200 | 0.2341 | | mg/Kg | | 117 | 70 - 130 |

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QC Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-59852/1-A
 Matrix: Solid
 Analysis Batch: 59869

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 59852

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| o-Xylene | 0.100 | 0.1157 | | mg/Kg | | 116 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 125 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 113 | | 70 - 130 |

Lab Sample ID: LCSD 880-59852/2-A
 Matrix: Solid
 Analysis Batch: 59869

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 59852

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | Limit |
|---------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-------|
| Benzene | 0.100 | 0.09315 | | mg/Kg | | 93 | 70 - 130 | 0 | 35 |
| Toluene | 0.100 | 0.1021 | | mg/Kg | | 102 | 70 - 130 | 1 | 35 |
| Ethylbenzene | 0.100 | 0.1065 | | mg/Kg | | 106 | 70 - 130 | 1 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.2378 | | mg/Kg | | 119 | 70 - 130 | 2 | 35 |
| o-Xylene | 0.100 | 0.1178 | | mg/Kg | | 118 | 70 - 130 | 2 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|-----------------------------|----------------|----------------|----------|
| 4-Bromofluorobenzene (Surr) | 129 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 116 | | 70 - 130 |

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

Lab Sample ID: MB 880-59785/1-A
 Matrix: Solid
 Analysis Batch: 59901

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 59785

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|--------------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 08/09/23 16:40 | 08/11/23 19:32 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 08/09/23 16:40 | 08/11/23 19:32 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 08/09/23 16:40 | 08/11/23 19:32 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|--------------|--------------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 113 | | 70 - 130 | 08/09/23 16:40 | 08/11/23 19:32 | 1 |
| o-Terphenyl | 136 | S1+ | 70 - 130 | 08/09/23 16:40 | 08/11/23 19:32 | 1 |

Lab Sample ID: LCS 880-59785/2-A
 Matrix: Solid
 Analysis Batch: 59901

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 59785

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------------|-------------|------------|---------------|-------|---|------|-------------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 945.9 | | mg/Kg | | 95 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 983.1 | | mg/Kg | | 98 | 70 - 130 |

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QC Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-59785/2-A
Matrix: Solid
Analysis Batch: 59901

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 59785

| Surrogate | LCS LCS | | Limits |
|----------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1-Chlorooctane | 111 | | 70 - 130 |
| o-Terphenyl | 140 | S1+ | 70 - 130 |

Lab Sample ID: LCSD 880-59785/3-A
Matrix: Solid
Analysis Batch: 59901

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 59785

| Analyte | Spike Added | LCSD LCSD | | Unit | D | %Rec | %Rec | | RPD | Limit |
|--------------------------------------|-------------|-----------|-----------|-------|---|------|----------|-----|-----|-------|
| | | Result | Qualifier | | | | Limits | RPD | | |
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 960.2 | | mg/Kg | | 96 | 70 - 130 | 2 | 20 | |
| Diesel Range Organics (Over C10-C28) | 1000 | 991.4 | | mg/Kg | | 99 | 70 - 130 | 1 | 20 | |

| Surrogate | LCSD LCSD | | Limits |
|----------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1-Chlorooctane | 114 | | 70 - 130 |
| o-Terphenyl | 144 | S1+ | 70 - 130 |

Lab Sample ID: 880-31304-A-1-H MS
Matrix: Solid
Analysis Batch: 59901

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 59785

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS MS | | Unit | D | %Rec | %Rec | |
|--------------------------------------|---------------|------------------|-------------|--------|-----------|-------|---|------|----------|-----|
| | | | | Result | Qualifier | | | | Limits | RPD |
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 993 | 1176 | | mg/Kg | | 115 | 70 - 130 | |
| Diesel Range Organics (Over C10-C28) | 51.1 | | 993 | 1197 | | mg/Kg | | 115 | 70 - 130 | |

| Surrogate | MS MS | | Limits |
|----------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1-Chlorooctane | 131 | S1+ | 70 - 130 |
| o-Terphenyl | 139 | S1+ | 70 - 130 |

Lab Sample ID: 880-31304-A-1-I MSD
Matrix: Solid
Analysis Batch: 59901

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 59785

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD MSD | | Unit | D | %Rec | %Rec | | RPD | Limit |
|--------------------------------------|---------------|------------------|-------------|---------|-----------|-------|---|------|----------|-----|-----|-------|
| | | | | Result | Qualifier | | | | Limits | RPD | | |
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 993 | 1026 | | mg/Kg | | 100 | 70 - 130 | 14 | 20 | |
| Diesel Range Organics (Over C10-C28) | 51.1 | | 993 | 1064 | | mg/Kg | | 102 | 70 - 130 | 12 | 20 | |

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

QC Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-59849/1-A
 Matrix: Solid
 Analysis Batch: 59899

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 59849

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 08/10/23 11:19 | 08/11/23 19:32 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 08/10/23 11:19 | 08/11/23 19:32 | 1 |
| Oll Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 08/10/23 11:19 | 08/11/23 19:32 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 134 | S1+ | 70 - 130 | | | | 08/10/23 11:19 | 08/11/23 19:32 | 1 |
| o-Terphenyl | 121 | | 70 - 130 | | | | 08/10/23 11:19 | 08/11/23 19:32 | 1 |

Lab Sample ID: LCS 880-59849/2-A
 Matrix: Solid
 Analysis Batch: 59899

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 59849

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------------|-------------|------------|---------------|-------|---|------|-------------|
| | | | | | | | |
| Diesel Range Organics (Over C10-C28) | 1000 | 1180 | | mg/Kg | | 118 | 70 - 130 |
| Surrogate | %Recovery | Qualifier | Limits | | | | |
| 1-Chlorooctane | 172 | S1+ | 70 - 130 | | | | |
| o-Terphenyl | 145 | S1+ | 70 - 130 | | | | |

Lab Sample ID: LCSD 880-59849/3-A
 Matrix: Solid
 Analysis Batch: 59899

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 59849

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | |
|--------------------------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-------|
| | | | | | | | | RPD | Limit |
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 1159 | | mg/Kg | | 116 | 70 - 130 | 2 | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 1139 | | mg/Kg | | 114 | 70 - 130 | 4 | 20 |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | |
| 1-Chlorooctane | 184 | S1+ | 70 - 130 | | | | | | |
| o-Terphenyl | 155 | S1+ | 70 - 130 | | | | | | |

Lab Sample ID: 880-31826-11 MS
 Matrix: Solid
 Analysis Batch: 59899

Client Sample ID: S-11 (0-0.5')
 Prep Type: Total/NA
 Prep Batch: 59849

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| | | | | | | | | | |
| Diesel Range Organics (Over C10-C28) | <50.3 | U F1 | 994 | 1436 | F1 | mg/Kg | | 142 | 70 - 130 |

QC Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-31826-11 MS
 Matrix: Solid
 Analysis Batch: 59899

Client Sample ID: S-11 (0-0.5')
 Prep Type: Total/NA
 Prep Batch: 59849

| Surrogate | %Recovery | MS MS Qualifier | Limits |
|----------------|-----------|--------------------|----------|
| 1-Chlorooctane | 145 | S1+ | 70 - 130 |
| o-Terphenyl | 113 | | 70 - 130 |

Lab Sample ID: 880-31826-11 MSD
 Matrix: Solid
 Analysis Batch: 59899

Client Sample ID: S-11 (0-0.5')
 Prep Type: Total/NA
 Prep Batch: 59849

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD | | Unit | D | %Rec | %Rec | | RPD | |
|--------------------------------------|---------------|------------------|-------------|--------|-----------|-------|---|------|----------|-----|-------|--|
| | | | | Result | Qualifier | | | | Limits | RPD | Limit | |
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 994 | 1071 | | mg/Kg | | 108 | 70 - 130 | 2 | 20 | |
| Diesel Range Organics (Over C10-C28) | <50.3 | U F1 | 994 | 1430 | F1 | mg/Kg | | 141 | 70 - 130 | 0 | 20 | |

| Surrogate | %Recovery | MSD MSD Qualifier | Limits |
|----------------|-----------|----------------------|----------|
| 1-Chlorooctane | 145 | S1+ | 70 - 130 |
| o-Terphenyl | 108 | | 70 - 130 |

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-59734/1-A
 Matrix: Solid
 Analysis Batch: 59752

Client Sample ID: Method Blank
 Prep Type: Soluble

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|-----------|--------------|------|-----|-------|---|----------|----------------|---------|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 08/09/23 23:21 | 1 |

Lab Sample ID: LCS 880-59734/2-A
 Matrix: Solid
 Analysis Batch: 59752

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| Chloride | 250 | 233.3 | | mg/Kg | | 93 | 90 - 110 |

Lab Sample ID: LCSD 880-59734/3-A
 Matrix: Solid
 Analysis Batch: 59752

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

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | Limit |
|----------|-------------|-------------|----------------|-------|---|------|-------------|-----|-------|
| Chloride | 250 | 233.2 | | mg/Kg | | 93 | 90 - 110 | 0 | 20 |

Lab Sample ID: 880-31824-A-7-C MS
 Matrix: Solid
 Analysis Batch: 59752

Client Sample ID: Matrix Spike
 Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 59.5 | | 253 | 331.6 | | mg/Kg | | 108 | 90 - 110 |

QC Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-31824-A-7-D MSD
Matrix: Solid
Analysis Batch: 59752

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 59.5 | | 253 | 330.2 | | mg/Kg | | 107 | 90 - 110 | 0 | 20 |

Lab Sample ID: MB 880-59727/1-A
Matrix: Solid
Analysis Batch: 59863

Client Sample ID: Method Blank
Prep Type: Soluble

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|-----------|--------------|------|-----|-------|---|----------|----------------|---------|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 08/10/23 12:03 | 1 |

Lab Sample ID: LCS 880-59727/2-A
Matrix: Solid
Analysis Batch: 59863

Client Sample ID: Lab Control Sample
Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| Chloride | 250 | 228.1 | | mg/Kg | | 91 | 90 - 110 |

Lab Sample ID: LCSD 880-59727/3-A
Matrix: Solid
Analysis Batch: 59863

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

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Chloride | 250 | 226.9 | | mg/Kg | | 91 | 90 - 110 | 1 | 20 |

Lab Sample ID: 880-31826-9 MS
Matrix: Solid
Analysis Batch: 59863

Client Sample ID: S-9 (0-1.0')
Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 2930 | | 1260 | 4142 | | mg/Kg | | 96 | 90 - 110 |

Lab Sample ID: 880-31826-9 MSD
Matrix: Solid
Analysis Batch: 59863

Client Sample ID: S-9 (0-1.0')
Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 2930 | | 1260 | 4152 | | mg/Kg | | 97 | 90 - 110 | 0 | 20 |

Lab Sample ID: 880-31826-19 MS
Matrix: Solid
Analysis Batch: 59863

Client Sample ID: S-15 (1.5')
Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 4660 | | 2530 | 7115 | | mg/Kg | | 97 | 90 - 110 |

Lab Sample ID: 880-31826-19 MSD
Matrix: Solid
Analysis Batch: 59863

Client Sample ID: S-15 (1.5')
Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 4660 | | 2530 | 7102 | | mg/Kg | | 97 | 90 - 110 | 0 | 20 |

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-59728/1-A
 Matrix: Solid
 Analysis Batch: 59864

Client Sample ID: Method Blank
 Prep Type: Soluble

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|-----------|--------------|------|-----|-------|---|----------|----------------|---------|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 08/10/23 15:13 | 1 |

Lab Sample ID: LCS 880-59728/2-A
 Matrix: Solid
 Analysis Batch: 59864

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| Chloride | 250 | 269.7 | | mg/Kg | | 108 | 90 - 110 |

Lab Sample ID: LCSD 880-59728/3-A
 Matrix: Solid
 Analysis Batch: 59864

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

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Chloride | 250 | 272.6 | | mg/Kg | | 109 | 90 - 110 | 1 | 20 |

Lab Sample ID: 880-31825-A-7-B MS
 Matrix: Solid
 Analysis Batch: 59864

Client Sample ID: Matrix Spike
 Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 36.8 | F1 | 253 | 328.6 | F1 | mg/Kg | | 116 | 90 - 110 |

Lab Sample ID: 880-31825-A-7-C MSD
 Matrix: Solid
 Analysis Batch: 59864

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 36.8 | F1 | 253 | 328.1 | F1 | mg/Kg | | 115 | 90 - 110 | 0 | 20 |

QC Association Summary

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 59833

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-31826-1 | S-1 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-31826-2 | S-2 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-31826-3 | S-3 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-31826-4 | S-4 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-31826-5 | S-5 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-31826-6 | S-6 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-31826-7 | S-7 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-31826-8 | S-8 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-31826-9 | S-9 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-31826-10 | S-10 (0-0.5') | Total/NA | Solid | 5035 | |
| 880-31826-11 | S-11 (0-0.5') | Total/NA | Solid | 5035 | |
| 880-31826-12 | S-12 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-31826-13 | S-13 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-31826-14 | S-13 (1.5') | Total/NA | Solid | 5035 | |
| 880-31826-15 | S-13 (2.0') | Total/NA | Solid | 5035 | |
| 880-31826-16 | S-13 (3.0') | Total/NA | Solid | 5035 | |
| 880-31826-17 | S-14 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-31826-18 | S-15 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-31826-19 | S-15 (1.5') | Total/NA | Solid | 5035 | |
| 880-31826-20 | S-15 (2.0') | Total/NA | Solid | 5035 | |
| MB 880-59833/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-59833/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-59833/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-31826-1 MS | S-1 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-31826-1 MSD | S-1 (0-1.0') | Total/NA | Solid | 5035 | |

Prep Batch: 59852

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-31826-21 | S-15 (3.0') | Total/NA | Solid | 5035 | |
| 880-31826-22 | S-16 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-31826-23 | S-16 (1.5') | Total/NA | Solid | 5035 | |
| 880-31826-24 | S-16 (2.0') | Total/NA | Solid | 5035 | |
| 880-31826-25 | S-17 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-31826-26 | S-17 (1.5') | Total/NA | Solid | 5035 | |
| 880-31826-27 | S-17 (2.0') | Total/NA | Solid | 5035 | |
| 880-31826-28 | S-18 (0-1.0') | Total/NA | Solid | 5035 | |
| 880-31826-29 | S-18 (1.5') | Total/NA | Solid | 5035 | |
| 880-31826-30 | S-18 (2.0') | Total/NA | Solid | 5035 | |
| MB 880-59852/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-59852/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-59852/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |

Analysis Batch: 59869

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 880-31826-1 | S-1 (0-1.0') | Total/NA | Solid | 8021B | 59833 |
| 880-31826-2 | S-2 (0-1.0') | Total/NA | Solid | 8021B | 59833 |
| 880-31826-3 | S-3 (0-1.0') | Total/NA | Solid | 8021B | 59833 |
| 880-31826-4 | S-4 (0-1.0') | Total/NA | Solid | 8021B | 59833 |
| 880-31826-5 | S-5 (0-1.0') | Total/NA | Solid | 8021B | 59833 |
| 880-31826-6 | S-6 (0-1.0') | Total/NA | Solid | 8021B | 59833 |
| 880-31826-7 | S-7 (0-1.0') | Total/NA | Solid | 8021B | 59833 |

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 59869 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-31826-8 | S-8 (0-1.0') | Total/NA | Solid | 8021B | 59833 |
| 880-31826-9 | S-9 (0-1.0') | Total/NA | Solid | 8021B | 59833 |
| 880-31826-10 | S-10 (0-0.5') | Total/NA | Solid | 8021B | 59833 |
| 880-31826-11 | S-11 (0-0.5') | Total/NA | Solid | 8021B | 59833 |
| 880-31826-12 | S-12 (0-1.0') | Total/NA | Solid | 8021B | 59833 |
| 880-31826-13 | S-13 (0-1.0') | Total/NA | Solid | 8021B | 59833 |
| 880-31826-14 | S-13 (1.5') | Total/NA | Solid | 8021B | 59833 |
| 880-31826-15 | S-13 (2.0') | Total/NA | Solid | 8021B | 59833 |
| 880-31826-16 | S-13 (3.0') | Total/NA | Solid | 8021B | 59833 |
| 880-31826-17 | S-14 (0-1.0') | Total/NA | Solid | 8021B | 59833 |
| 880-31826-18 | S-15 (0-1.0') | Total/NA | Solid | 8021B | 59833 |
| 880-31826-19 | S-15 (1.5') | Total/NA | Solid | 8021B | 59833 |
| 880-31826-20 | S-15 (2.0') | Total/NA | Solid | 8021B | 59833 |
| 880-31826-21 | S-15 (3.0') | Total/NA | Solid | 8021B | 59852 |
| 880-31826-22 | S-16 (0-1.0') | Total/NA | Solid | 8021B | 59852 |
| 880-31826-23 | S-16 (1.5') | Total/NA | Solid | 8021B | 59852 |
| 880-31826-24 | S-16 (2.0') | Total/NA | Solid | 8021B | 59852 |
| 880-31826-25 | S-17 (0-1.0') | Total/NA | Solid | 8021B | 59852 |
| 880-31826-26 | S-17 (1.5') | Total/NA | Solid | 8021B | 59852 |
| 880-31826-27 | S-17 (2.0') | Total/NA | Solid | 8021B | 59852 |
| 880-31826-28 | S-18 (0-1.0') | Total/NA | Solid | 8021B | 59852 |
| 880-31826-29 | S-18 (1.5') | Total/NA | Solid | 8021B | 59852 |
| 880-31826-30 | S-18 (2.0') | Total/NA | Solid | 8021B | 59852 |
| MB 880-59833/5-A | Method Blank | Total/NA | Solid | 8021B | 59833 |
| MB 880-59852/5-A | Method Blank | Total/NA | Solid | 8021B | 59852 |
| LCS 880-59833/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 59833 |
| LCS 880-59852/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 59852 |
| LCSD 880-59833/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 59833 |
| LCSD 880-59852/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 59852 |
| 880-31826-1 MS | S-1 (0-1.0') | Total/NA | Solid | 8021B | 59833 |
| 880-31826-1 MSD | S-1 (0-1.0') | Total/NA | Solid | 8021B | 59833 |

Analysis Batch: 59935

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 880-31826-1 | S-1 (0-1.0') | Total/NA | Solid | Total BTEX | |
| 880-31826-2 | S-2 (0-1.0') | Total/NA | Solid | Total BTEX | |
| 880-31826-3 | S-3 (0-1.0') | Total/NA | Solid | Total BTEX | |
| 880-31826-4 | S-4 (0-1.0') | Total/NA | Solid | Total BTEX | |
| 880-31826-5 | S-5 (0-1.0') | Total/NA | Solid | Total BTEX | |
| 880-31826-6 | S-6 (0-1.0') | Total/NA | Solid | Total BTEX | |
| 880-31826-7 | S-7 (0-1.0') | Total/NA | Solid | Total BTEX | |
| 880-31826-8 | S-8 (0-1.0') | Total/NA | Solid | Total BTEX | |
| 880-31826-9 | S-9 (0-1.0') | Total/NA | Solid | Total BTEX | |
| 880-31826-10 | S-10 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 880-31826-11 | S-11 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 880-31826-12 | S-12 (0-1.0') | Total/NA | Solid | Total BTEX | |
| 880-31826-13 | S-13 (0-1.0') | Total/NA | Solid | Total BTEX | |
| 880-31826-14 | S-13 (1.5') | Total/NA | Solid | Total BTEX | |
| 880-31826-15 | S-13 (2.0') | Total/NA | Solid | Total BTEX | |
| 880-31826-16 | S-13 (3.0') | Total/NA | Solid | Total BTEX | |
| 880-31826-17 | S-14 (0-1.0') | Total/NA | Solid | Total BTEX | |

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 59935 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 880-31826-18 | S-15 (0-1.0') | Total/NA | Solid | Total BTEX | |
| 880-31826-19 | S-15 (1.5') | Total/NA | Solid | Total BTEX | |
| 880-31826-20 | S-15 (2.0') | Total/NA | Solid | Total BTEX | |
| 880-31826-21 | S-15 (3.0') | Total/NA | Solid | Total BTEX | |
| 880-31826-22 | S-16 (0-1.0') | Total/NA | Solid | Total BTEX | |
| 880-31826-23 | S-16 (1.5') | Total/NA | Solid | Total BTEX | |
| 880-31826-24 | S-16 (2.0') | Total/NA | Solid | Total BTEX | |
| 880-31826-25 | S-17 (0-1.0') | Total/NA | Solid | Total BTEX | |
| 880-31826-26 | S-17 (1.5') | Total/NA | Solid | Total BTEX | |
| 880-31826-27 | S-17 (2.0') | Total/NA | Solid | Total BTEX | |
| 880-31826-28 | S-18 (0-1.0') | Total/NA | Solid | Total BTEX | |
| 880-31826-29 | S-18 (1.5') | Total/NA | Solid | Total BTEX | |
| 880-31826-30 | S-18 (2.0') | Total/NA | Solid | Total BTEX | |

GC Semi VOA

Prep Batch: 59785

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|-------------|------------|
| 880-31826-1 | S-1 (0-1.0') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-2 | S-2 (0-1.0') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-3 | S-3 (0-1.0') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-4 | S-4 (0-1.0') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-5 | S-5 (0-1.0') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-6 | S-6 (0-1.0') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-7 | S-7 (0-1.0') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-8 | S-8 (0-1.0') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-9 | S-9 (0-1.0') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-10 | S-10 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-59785/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-59785/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCS 880-59785/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-31304-A-1-H MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-31304-A-1-I MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

Prep Batch: 59849

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|-------------|------------|
| 880-31826-11 | S-11 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-12 | S-12 (0-1.0') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-13 | S-13 (0-1.0') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-14 | S-13 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-15 | S-13 (2.0') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-16 | S-13 (3.0') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-17 | S-14 (0-1.0') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-18 | S-15 (0-1.0') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-19 | S-15 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-20 | S-15 (2.0') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-21 | S-15 (3.0') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-22 | S-16 (0-1.0') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-23 | S-16 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-24 | S-16 (2.0') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-25 | S-17 (0-1.0') | Total/NA | Solid | 8015NM Prep | |

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 59849 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|-------------|------------|
| 880-31826-26 | S-17 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-27 | S-17 (2.0') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-28 | S-18 (0-1.0') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-29 | S-18 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-30 | S-18 (2.0') | Total/NA | Solid | 8015NM Prep | |
| MB 880-59849/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-59849/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-59849/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-31826-11 MS | S-11 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-31826-11 MSD | S-11 (0-0.5') | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 59899

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 880-31826-11 | S-11 (0-0.5') | Total/NA | Solid | 8015B NM | 59849 |
| 880-31826-12 | S-12 (0-1.0') | Total/NA | Solid | 8015B NM | 59849 |
| 880-31826-13 | S-13 (0-1.0') | Total/NA | Solid | 8015B NM | 59849 |
| 880-31826-14 | S-13 (1.5') | Total/NA | Solid | 8015B NM | 59849 |
| 880-31826-15 | S-13 (2.0') | Total/NA | Solid | 8015B NM | 59849 |
| 880-31826-16 | S-13 (3.0') | Total/NA | Solid | 8015B NM | 59849 |
| 880-31826-17 | S-14 (0-1.0') | Total/NA | Solid | 8015B NM | 59849 |
| 880-31826-18 | S-15 (0-1.0') | Total/NA | Solid | 8015B NM | 59849 |
| 880-31826-19 | S-15 (1.5') | Total/NA | Solid | 8015B NM | 59849 |
| 880-31826-20 | S-15 (2.0') | Total/NA | Solid | 8015B NM | 59849 |
| 880-31826-21 | S-15 (3.0') | Total/NA | Solid | 8015B NM | 59849 |
| 880-31826-22 | S-16 (0-1.0') | Total/NA | Solid | 8015B NM | 59849 |
| 880-31826-23 | S-16 (1.5') | Total/NA | Solid | 8015B NM | 59849 |
| 880-31826-24 | S-16 (2.0') | Total/NA | Solid | 8015B NM | 59849 |
| 880-31826-25 | S-17 (0-1.0') | Total/NA | Solid | 8015B NM | 59849 |
| 880-31826-26 | S-17 (1.5') | Total/NA | Solid | 8015B NM | 59849 |
| 880-31826-27 | S-17 (2.0') | Total/NA | Solid | 8015B NM | 59849 |
| 880-31826-28 | S-18 (0-1.0') | Total/NA | Solid | 8015B NM | 59849 |
| 880-31826-29 | S-18 (1.5') | Total/NA | Solid | 8015B NM | 59849 |
| 880-31826-30 | S-18 (2.0') | Total/NA | Solid | 8015B NM | 59849 |
| MB 880-59849/1-A | Method Blank | Total/NA | Solid | 8015B NM | 59849 |
| LCS 880-59849/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 59849 |
| LCSD 880-59849/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 59849 |
| 880-31826-11 MS | S-11 (0-0.5') | Total/NA | Solid | 8015B NM | 59849 |
| 880-31826-11 MSD | S-11 (0-0.5') | Total/NA | Solid | 8015B NM | 59849 |

Analysis Batch: 59901

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 880-31826-1 | S-1 (0-1.0') | Total/NA | Solid | 8015B NM | 59785 |
| 880-31826-2 | S-2 (0-1.0') | Total/NA | Solid | 8015B NM | 59785 |
| 880-31826-3 | S-3 (0-1.0') | Total/NA | Solid | 8015B NM | 59785 |
| 880-31826-4 | S-4 (0-1.0') | Total/NA | Solid | 8015B NM | 59785 |
| 880-31826-5 | S-5 (0-1.0') | Total/NA | Solid | 8015B NM | 59785 |
| 880-31826-6 | S-6 (0-1.0') | Total/NA | Solid | 8015B NM | 59785 |
| 880-31826-7 | S-7 (0-1.0') | Total/NA | Solid | 8015B NM | 59785 |
| 880-31826-8 | S-8 (0-1.0') | Total/NA | Solid | 8015B NM | 59785 |
| 880-31826-9 | S-9 (0-1.0') | Total/NA | Solid | 8015B NM | 59785 |
| 880-31826-10 | S-10 (0-0.5') | Total/NA | Solid | 8015B NM | 59785 |

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 59901 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| MB 880-59785/1-A | Method Blank | Total/NA | Solid | 8015B NM | 59785 |
| LCS 880-59785/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 59785 |
| LCSD 880-59785/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 59785 |
| 880-31304-A-1-H MS | Matrix Spike | Total/NA | Solid | 8015B NM | 59785 |
| 880-31304-A-1-I MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 59785 |

Analysis Batch: 60195

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 880-31826-1 | S-1 (0-1.0') | Total/NA | Solid | 8015 NM | |
| 880-31826-2 | S-2 (0-1.0') | Total/NA | Solid | 8015 NM | |
| 880-31826-3 | S-3 (0-1.0') | Total/NA | Solid | 8015 NM | |
| 880-31826-4 | S-4 (0-1.0') | Total/NA | Solid | 8015 NM | |
| 880-31826-5 | S-5 (0-1.0') | Total/NA | Solid | 8015 NM | |
| 880-31826-6 | S-6 (0-1.0') | Total/NA | Solid | 8015 NM | |
| 880-31826-7 | S-7 (0-1.0') | Total/NA | Solid | 8015 NM | |
| 880-31826-8 | S-8 (0-1.0') | Total/NA | Solid | 8015 NM | |
| 880-31826-9 | S-9 (0-1.0') | Total/NA | Solid | 8015 NM | |
| 880-31826-10 | S-10 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 880-31826-11 | S-11 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 880-31826-12 | S-12 (0-1.0') | Total/NA | Solid | 8015 NM | |
| 880-31826-13 | S-13 (0-1.0') | Total/NA | Solid | 8015 NM | |
| 880-31826-14 | S-13 (1.5') | Total/NA | Solid | 8015 NM | |
| 880-31826-15 | S-13 (2.0') | Total/NA | Solid | 8015 NM | |
| 880-31826-16 | S-13 (3.0') | Total/NA | Solid | 8015 NM | |
| 880-31826-17 | S-14 (0-1.0') | Total/NA | Solid | 8015 NM | |
| 880-31826-18 | S-15 (0-1.0') | Total/NA | Solid | 8015 NM | |
| 880-31826-19 | S-15 (1.5') | Total/NA | Solid | 8015 NM | |
| 880-31826-20 | S-15 (2.0') | Total/NA | Solid | 8015 NM | |
| 880-31826-21 | S-15 (3.0') | Total/NA | Solid | 8015 NM | |
| 880-31826-22 | S-16 (0-1.0') | Total/NA | Solid | 8015 NM | |
| 880-31826-23 | S-16 (1.5') | Total/NA | Solid | 8015 NM | |
| 880-31826-24 | S-16 (2.0') | Total/NA | Solid | 8015 NM | |
| 880-31826-25 | S-17 (0-1.0') | Total/NA | Solid | 8015 NM | |
| 880-31826-26 | S-17 (1.5') | Total/NA | Solid | 8015 NM | |
| 880-31826-27 | S-17 (2.0') | Total/NA | Solid | 8015 NM | |
| 880-31826-28 | S-18 (0-1.0') | Total/NA | Solid | 8015 NM | |
| 880-31826-29 | S-18 (1.5') | Total/NA | Solid | 8015 NM | |
| 880-31826-30 | S-18 (2.0') | Total/NA | Solid | 8015 NM | |

HPLC/IC

Leach Batch: 59727

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 880-31826-9 | S-9 (0-1.0') | Soluble | Solid | DI Leach | |
| 880-31826-10 | S-10 (0-0.5') | Soluble | Solid | DI Leach | |
| 880-31826-11 | S-11 (0-0.5') | Soluble | Solid | DI Leach | |
| 880-31826-12 | S-12 (0-1.0') | Soluble | Solid | DI Leach | |
| 880-31826-13 | S-13 (0-1.0') | Soluble | Solid | DI Leach | |
| 880-31826-14 | S-13 (1.5') | Soluble | Solid | DI Leach | |
| 880-31826-15 | S-13 (2.0') | Soluble | Solid | DI Leach | |
| 880-31826-16 | S-13 (3.0') | Soluble | Solid | DI Leach | |

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 59727 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 880-31826-17 | S-14 (0-1.0') | Soluble | Solid | DI Leach | |
| 880-31826-18 | S-15 (0-1.0') | Soluble | Solid | DI Leach | |
| 880-31826-19 | S-15 (1.5') | Soluble | Solid | DI Leach | |
| 880-31826-20 | S-15 (2.0') | Soluble | Solid | DI Leach | |
| 880-31826-21 | S-15 (3.0') | Soluble | Solid | DI Leach | |
| 880-31826-22 | S-16 (0-1.0') | Soluble | Solid | DI Leach | |
| 880-31826-23 | S-16 (1.5') | Soluble | Solid | DI Leach | |
| 880-31826-24 | S-16 (2.0') | Soluble | Solid | DI Leach | |
| 880-31826-25 | S-17 (0-1.0') | Soluble | Solid | DI Leach | |
| 880-31826-26 | S-17 (1.5') | Soluble | Solid | DI Leach | |
| 880-31826-27 | S-17 (2.0') | Soluble | Solid | DI Leach | |
| 880-31826-28 | S-18 (0-1.0') | Soluble | Solid | DI Leach | |
| MB 880-59727/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-59727/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-59727/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-31826-9 MS | S-9 (0-1.0') | Soluble | Solid | DI Leach | |
| 880-31826-9 MSD | S-9 (0-1.0') | Soluble | Solid | DI Leach | |
| 880-31826-19 MS | S-15 (1.5') | Soluble | Solid | DI Leach | |
| 880-31826-19 MSD | S-15 (1.5') | Soluble | Solid | DI Leach | |

Leach Batch: 59728

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-31826-1 | S-1 (0-1.0') | Soluble | Solid | DI Leach | |
| 880-31826-2 | S-2 (0-1.0') | Soluble | Solid | DI Leach | |
| 880-31826-3 | S-3 (0-1.0') | Soluble | Solid | DI Leach | |
| 880-31826-4 | S-4 (0-1.0') | Soluble | Solid | DI Leach | |
| 880-31826-5 | S-5 (0-1.0') | Soluble | Solid | DI Leach | |
| 880-31826-6 | S-6 (0-1.0') | Soluble | Solid | DI Leach | |
| 880-31826-7 | S-7 (0-1.0') | Soluble | Solid | DI Leach | |
| 880-31826-8 | S-8 (0-1.0') | Soluble | Solid | DI Leach | |
| MB 880-59728/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-59728/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-59728/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-31825-A-7-B MS | Matrix Spike | Soluble | Solid | DI Leach | |
| 880-31825-A-7-C MSD | Matrix Spike Duplicate | Soluble | Solid | DI Leach | |

Leach Batch: 59734

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-31826-29 | S-18 (1.5') | Soluble | Solid | DI Leach | |
| 880-31826-30 | S-18 (2.0') | Soluble | Solid | DI Leach | |
| MB 880-59734/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-59734/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-59734/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-31824-A-7-C MS | Matrix Spike | Soluble | Solid | DI Leach | |
| 880-31824-A-7-D MSD | Matrix Spike Duplicate | Soluble | Solid | DI Leach | |

Analysis Batch: 59752

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|--------|------------|
| 880-31826-29 | S-18 (1.5') | Soluble | Solid | 300.0 | 59734 |
| 880-31826-30 | S-18 (2.0') | Soluble | Solid | 300.0 | 59734 |
| MB 880-59734/1-A | Method Blank | Soluble | Solid | 300.0 | 59734 |

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 59752 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| LCS 880-59734/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 59734 |
| LCSD 880-59734/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 59734 |
| 880-31824-A-7-C MS | Matrix Spike | Soluble | Solid | 300.0 | 59734 |
| 880-31824-A-7-D MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 59734 |

Analysis Batch: 59863

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-31826-9 | S-9 (0-1.0') | Soluble | Solid | 300.0 | 59727 |
| 880-31826-10 | S-10 (0-0.5') | Soluble | Solid | 300.0 | 59727 |
| 880-31826-11 | S-11 (0-0.5') | Soluble | Solid | 300.0 | 59727 |
| 880-31826-12 | S-12 (0-1.0') | Soluble | Solid | 300.0 | 59727 |
| 880-31826-13 | S-13 (0-1.0') | Soluble | Solid | 300.0 | 59727 |
| 880-31826-14 | S-13 (1.5') | Soluble | Solid | 300.0 | 59727 |
| 880-31826-15 | S-13 (2.0') | Soluble | Solid | 300.0 | 59727 |
| 880-31826-16 | S-13 (3.0') | Soluble | Solid | 300.0 | 59727 |
| 880-31826-17 | S-14 (0-1.0') | Soluble | Solid | 300.0 | 59727 |
| 880-31826-18 | S-15 (0-1.0') | Soluble | Solid | 300.0 | 59727 |
| 880-31826-19 | S-15 (1.5') | Soluble | Solid | 300.0 | 59727 |
| 880-31826-20 | S-15 (2.0') | Soluble | Solid | 300.0 | 59727 |
| 880-31826-21 | S-15 (3.0') | Soluble | Solid | 300.0 | 59727 |
| 880-31826-22 | S-16 (0-1.0') | Soluble | Solid | 300.0 | 59727 |
| 880-31826-23 | S-16 (1.5') | Soluble | Solid | 300.0 | 59727 |
| 880-31826-24 | S-16 (2.0') | Soluble | Solid | 300.0 | 59727 |
| 880-31826-25 | S-17 (0-1.0') | Soluble | Solid | 300.0 | 59727 |
| 880-31826-26 | S-17 (1.5') | Soluble | Solid | 300.0 | 59727 |
| 880-31826-27 | S-17 (2.0') | Soluble | Solid | 300.0 | 59727 |
| 880-31826-28 | S-18 (0-1.0') | Soluble | Solid | 300.0 | 59727 |
| MB 880-59727/1-A | Method Blank | Soluble | Solid | 300.0 | 59727 |
| LCS 880-59727/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 59727 |
| LCSD 880-59727/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 59727 |
| 880-31826-9 MS | S-9 (0-1.0') | Soluble | Solid | 300.0 | 59727 |
| 880-31826-9 MSD | S-9 (0-1.0') | Soluble | Solid | 300.0 | 59727 |
| 880-31826-19 MS | S-15 (1.5') | Soluble | Solid | 300.0 | 59727 |
| 880-31826-19 MSD | S-15 (1.5') | Soluble | Solid | 300.0 | 59727 |

Analysis Batch: 59864

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-31826-1 | S-1 (0-1.0') | Soluble | Solid | 300.0 | 59728 |
| 880-31826-2 | S-2 (0-1.0') | Soluble | Solid | 300.0 | 59728 |
| 880-31826-3 | S-3 (0-1.0') | Soluble | Solid | 300.0 | 59728 |
| 880-31826-4 | S-4 (0-1.0') | Soluble | Solid | 300.0 | 59728 |
| 880-31826-5 | S-5 (0-1.0') | Soluble | Solid | 300.0 | 59728 |
| 880-31826-6 | S-6 (0-1.0') | Soluble | Solid | 300.0 | 59728 |
| 880-31826-7 | S-7 (0-1.0') | Soluble | Solid | 300.0 | 59728 |
| 880-31826-8 | S-8 (0-1.0') | Soluble | Solid | 300.0 | 59728 |
| MB 880-59728/1-A | Method Blank | Soluble | Solid | 300.0 | 59728 |
| LCS 880-59728/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 59728 |
| LCSD 880-59728/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 59728 |
| 880-31825-A-7-B MS | Matrix Spike | Soluble | Solid | 300.0 | 59728 |
| 880-31825-A-7-C MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 59728 |

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-1 (0-1.0')

Lab Sample ID: 880-31826-1

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 59833 | 08/10/23 09:33 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/10/23 17:25 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 22:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.08 g | 10 mL | 59785 | 08/09/23 16:40 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59901 | 08/12/23 01:34 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 59728 | 08/09/23 09:40 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 59864 | 08/10/23 17:44 | CH | EET MID |

Client Sample ID: S-2 (0-1.0')

Lab Sample ID: 880-31826-2

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 59833 | 08/10/23 09:33 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/10/23 17:46 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 22:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.93 g | 10 mL | 59785 | 08/09/23 16:40 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59901 | 08/12/23 01:57 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 59728 | 08/09/23 09:40 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 59864 | 08/10/23 18:05 | CH | EET MID |

Client Sample ID: S-3 (0-1.0')

Lab Sample ID: 880-31826-3

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.96 g | 5 mL | 59833 | 08/10/23 09:33 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/10/23 18:06 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 22:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.96 g | 10 mL | 59785 | 08/09/23 16:40 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59901 | 08/12/23 02:20 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 59728 | 08/09/23 09:40 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 10 | | | 59864 | 08/10/23 18:12 | CH | EET MID |

Client Sample ID: S-4 (0-1.0')

Lab Sample ID: 880-31826-4

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.04 g | 5 mL | 59833 | 08/10/23 09:33 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/10/23 18:27 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-4 (0-1.0')

Lab Sample ID: 880-31826-4

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 22:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 59785 | 08/09/23 16:40 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59901 | 08/12/23 02:42 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5 g | 50 mL | 59728 | 08/09/23 09:40 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 59864 | 08/10/23 18:19 | CH | EET MID |

Client Sample ID: S-5 (0-1.0')

Lab Sample ID: 880-31826-5

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 59833 | 08/10/23 09:33 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/10/23 18:48 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 22:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.08 g | 10 mL | 59785 | 08/09/23 16:40 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59901 | 08/12/23 03:05 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5 g | 50 mL | 59728 | 08/09/23 09:40 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 10 | | | 59864 | 08/10/23 18:26 | CH | EET MID |

Client Sample ID: S-6 (0-1.0')

Lab Sample ID: 880-31826-6

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.00 g | 5 mL | 59833 | 08/10/23 09:33 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/10/23 19:08 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 22:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 59785 | 08/09/23 16:40 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59901 | 08/12/23 03:28 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 59728 | 08/09/23 09:40 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 10 | | | 59864 | 08/10/23 18:34 | CH | EET MID |

Client Sample ID: S-7 (0-1.0')

Lab Sample ID: 880-31826-7

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 59833 | 08/10/23 09:33 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/10/23 19:29 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 22:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.10 g | 10 mL | 59785 | 08/09/23 16:40 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59901 | 08/12/23 03:50 | SM | EET MID |

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-7 (0-1.0')

Lab Sample ID: 880-31826-7

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 59728 | 08/09/23 09:40 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 59864 | 08/10/23 18:41 | CH | EET MID |

Client Sample ID: S-8 (0-1.0')

Lab Sample ID: 880-31826-8

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 59833 | 08/10/23 09:33 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/10/23 19:49 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 22:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 59785 | 08/09/23 16:40 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59901 | 08/12/23 04:13 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 59728 | 08/09/23 09:40 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 59864 | 08/10/23 18:48 | CH | EET MID |

Client Sample ID: S-9 (0-1.0')

Lab Sample ID: 880-31826-9

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 59833 | 08/10/23 09:33 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/10/23 20:10 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 22:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 59785 | 08/09/23 16:40 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59901 | 08/12/23 04:35 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 59727 | 08/09/23 09:38 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 59863 | 08/10/23 12:20 | CH | EET MID |

Client Sample ID: S-10 (0-0.5')

Lab Sample ID: 880-31826-10

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 59833 | 08/10/23 09:33 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/10/23 20:30 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 22:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10 mL | 59785 | 08/09/23 16:40 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59901 | 08/12/23 04:56 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 59727 | 08/09/23 09:38 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 10 | | | 59863 | 08/10/23 12:36 | CH | EET MID |

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-11 (0-0.5')

Lab Sample ID: 880-31826-11

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 59833 | 08/10/23 09:33 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/10/23 21:53 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 17:39 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.95 g | 10 mL | 59849 | 08/10/23 11:20 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59899 | 08/11/23 20:39 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 59727 | 08/09/23 09:38 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 10 | | | 59863 | 08/10/23 12:42 | CH | EET MID |

Client Sample ID: S-12 (0-1.0')

Lab Sample ID: 880-31826-12

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 59833 | 08/10/23 09:33 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/10/23 22:14 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 17:39 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 59849 | 08/10/23 11:20 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59899 | 08/11/23 21:46 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 59727 | 08/09/23 09:38 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 20 | | | 59863 | 08/10/23 12:48 | CH | EET MID |

Client Sample ID: S-13 (0-1.0')

Lab Sample ID: 880-31826-13

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 59833 | 08/10/23 09:33 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/10/23 22:34 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 17:39 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10 mL | 59849 | 08/10/23 11:20 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59899 | 08/11/23 22:09 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 59727 | 08/09/23 09:38 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 10 | | | 59863 | 08/10/23 12:53 | CH | EET MID |

Client Sample ID: S-13 (1.5')

Lab Sample ID: 880-31826-14

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 59833 | 08/10/23 09:33 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/10/23 22:55 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-13 (1.5')

Lab Sample ID: 880-31826-14

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 17:39 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 59849 | 08/10/23 11:20 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59899 | 08/11/23 22:32 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 59727 | 08/09/23 09:38 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 10 | | | 59863 | 08/10/23 13:10 | CH | EET MID |

Client Sample ID: S-13 (2.0')

Lab Sample ID: 880-31826-15

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 59833 | 08/10/23 09:33 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/10/23 23:15 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 17:39 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 59849 | 08/10/23 11:20 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59899 | 08/11/23 22:55 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5 g | 50 mL | 59727 | 08/09/23 09:38 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 10 | | | 59863 | 08/10/23 13:16 | CH | EET MID |

Client Sample ID: S-13 (3.0')

Lab Sample ID: 880-31826-16

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.00 g | 5 mL | 59833 | 08/10/23 09:33 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/10/23 23:36 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 17:39 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 59849 | 08/10/23 11:20 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59899 | 08/11/23 23:17 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 59727 | 08/09/23 09:38 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 59863 | 08/10/23 13:22 | CH | EET MID |

Client Sample ID: S-14 (0-1.0')

Lab Sample ID: 880-31826-17

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 59833 | 08/10/23 09:33 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/10/23 23:56 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 17:39 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 59849 | 08/10/23 11:20 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59899 | 08/11/23 23:40 | SM | EET MID |

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-14 (0-1.0')

Lab Sample ID: 880-31826-17

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 59727 | 08/09/23 09:38 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 59863 | 08/10/23 13:28 | CH | EET MID |

Client Sample ID: S-15 (0-1.0')

Lab Sample ID: 880-31826-18

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 59833 | 08/10/23 09:33 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/11/23 00:17 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 17:39 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 59849 | 08/10/23 11:20 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59899 | 08/12/23 00:03 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 59727 | 08/09/23 09:38 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 59863 | 08/10/23 13:33 | CH | EET MID |

Client Sample ID: S-15 (1.5')

Lab Sample ID: 880-31826-19

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 59833 | 08/10/23 09:33 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/11/23 00:37 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 17:39 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 59849 | 08/10/23 11:20 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59899 | 08/12/23 00:26 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 59727 | 08/09/23 09:38 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 10 | | | 59863 | 08/10/23 13:39 | CH | EET MID |

Client Sample ID: S-15 (2.0')

Lab Sample ID: 880-31826-20

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.96 g | 5 mL | 59833 | 08/10/23 09:33 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/11/23 00:58 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 17:39 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10 mL | 59849 | 08/10/23 11:20 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59899 | 08/12/23 00:48 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 59727 | 08/09/23 09:38 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 10 | | | 59863 | 08/10/23 13:56 | CH | EET MID |

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-15 (3.0')

Lab Sample ID: 880-31826-21

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 59852 | 08/10/23 11:41 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/11/23 06:45 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 17:39 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 59849 | 08/10/23 11:20 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59899 | 08/12/23 01:34 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 59727 | 08/09/23 09:38 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 59863 | 08/10/23 14:01 | CH | EET MID |

Client Sample ID: S-16 (0-1.0')

Lab Sample ID: 880-31826-22

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.96 g | 5 mL | 59852 | 08/10/23 11:41 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/11/23 07:06 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 17:39 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.93 g | 10 mL | 59849 | 08/10/23 11:20 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59899 | 08/12/23 01:57 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 59727 | 08/09/23 09:38 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 10 | | | 59863 | 08/10/23 14:18 | CH | EET MID |

Client Sample ID: S-16 (1.5')

Lab Sample ID: 880-31826-23

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.96 g | 5 mL | 59852 | 08/10/23 11:41 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/11/23 09:23 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 17:39 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 59849 | 08/10/23 11:20 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59899 | 08/12/23 02:20 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 59727 | 08/09/23 09:38 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 10 | | | 59863 | 08/10/23 14:24 | CH | EET MID |

Client Sample ID: S-16 (2.0')

Lab Sample ID: 880-31826-24

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 59852 | 08/10/23 11:41 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/11/23 09:44 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-16 (2.0')

Lab Sample ID: 880-31826-24

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 17:39 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 59849 | 08/10/23 11:20 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59899 | 08/12/23 02:42 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5 g | 50 mL | 59727 | 08/09/23 09:38 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 10 | | | 59863 | 08/10/23 14:30 | CH | EET MID |

Client Sample ID: S-17 (0-1.0')

Lab Sample ID: 880-31826-25

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 59852 | 08/10/23 11:41 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/11/23 10:04 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 17:39 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.96 g | 10 mL | 59849 | 08/10/23 11:20 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59899 | 08/12/23 03:05 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5 g | 50 mL | 59727 | 08/09/23 09:38 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 10 | | | 59863 | 08/10/23 14:35 | CH | EET MID |

Client Sample ID: S-17 (1.5')

Lab Sample ID: 880-31826-26

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.04 g | 5 mL | 59852 | 08/10/23 11:41 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/11/23 10:25 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 17:39 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10 mL | 59849 | 08/10/23 11:20 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59899 | 08/12/23 03:28 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 59727 | 08/09/23 09:38 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 10 | | | 59863 | 08/10/23 14:41 | CH | EET MID |

Client Sample ID: S-17 (2.0')

Lab Sample ID: 880-31826-27

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 59852 | 08/10/23 11:41 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/11/23 10:45 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 14:31 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 17:39 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 59849 | 08/10/23 11:20 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59899 | 08/12/23 03:50 | SM | EET MID |

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-17 (2.0')

Lab Sample ID: 880-31826-27

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 59727 | 08/09/23 09:38 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 59863 | 08/10/23 14:47 | CH | EET MID |

Client Sample ID: S-18 (0-1.0')

Lab Sample ID: 880-31826-28

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.00 g | 5 mL | 59852 | 08/10/23 11:41 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/11/23 11:06 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 14:31 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 17:39 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 59849 | 08/10/23 11:20 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59899 | 08/12/23 04:13 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 59727 | 08/09/23 09:38 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 59863 | 08/10/23 14:52 | CH | EET MID |

Client Sample ID: S-18 (1.5')

Lab Sample ID: 880-31826-29

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 59852 | 08/10/23 11:41 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/11/23 11:26 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 14:31 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 17:39 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 59849 | 08/10/23 11:20 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59899 | 08/12/23 04:35 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 59734 | 08/09/23 09:50 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 59752 | 08/10/23 02:00 | CH | EET MID |

Client Sample ID: S-18 (2.0')

Lab Sample ID: 880-31826-30

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 59852 | 08/10/23 11:41 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/11/23 11:47 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59935 | 08/11/23 14:31 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60195 | 08/14/23 17:39 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 59849 | 08/10/23 11:20 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59899 | 08/12/23 04:56 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 59734 | 08/09/23 09:50 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 59752 | 08/10/23 02:05 | CH | EET MID |

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Laboratory References:

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

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Accreditation/Certification Summary

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
 SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| Texas | NELAP | T104704400-23-26 | 06-30-24 |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte |
|-----------------|-------------|--------|--------------------------------------|
| 300.0 | | Solid | Chloride |
| 8015 NM | | Solid | Total TPH |
| 8015B NM | 8015NM Prep | Solid | Diesel Range Organics (Over C10-C28) |
| 8015B NM | 8015NM Prep | Solid | Gasoline Range Organics (GRO)-C6-C10 |
| 8015B NM | 8015NM Prep | Solid | Oil Range Organics (Over C28-C36) |
| 8021B | 5035 | Solid | Benzene |
| 8021B | 5035 | Solid | Ethylbenzene |
| 8021B | 5035 | Solid | m-Xylene & p-Xylene |
| 8021B | 5035 | Solid | o-Xylene |
| 8021B | 5035 | Solid | Toluene |
| 8021B | 5035 | Solid | Xylenes, Total |
| Total BTEX | | Solid | Total BTEX |

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Method Summary

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

| Method | Method Description | Protocol | Laboratory |
|-------------|------------------------------------|----------|------------|
| 8021B | Volatile Organic Compounds (GC) | SW846 | EET MID |
| Total BTEX | Total BTEX Calculation | TAL SOP | EET MID |
| 8015 NM | Diesel Range Organics (DRO) (GC) | SW846 | EET MID |
| 8015B NM | Diesel Range Organics (DRO) (GC) | SW846 | EET MID |
| 300.0 | Anions, Ion Chromatography | EPA | EET MID |
| 5035 | Closed System Purge and Trap | SW846 | EET MID |
| 8015NM Prep | Microextraction | SW846 | EET MID |
| DI Leach | Deionized Water Leaching Procedure | ASTM | EET MID |

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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



Sample Summary

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|------------------|--------|----------------|----------------|
| 880-31826-1 | S-1 (0-1.0') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-2 | S-2 (0-1.0') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-3 | S-3 (0-1.0') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-4 | S-4 (0-1.0') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-5 | S-5 (0-1.0') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-6 | S-6 (0-1.0') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-7 | S-7 (0-1.0') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-8 | S-8 (0-1.0') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-9 | S-9 (0-1.0') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-10 | S-10 (0-0.5') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-11 | S-11 (0-0.5') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-12 | S-12 (0-1.0') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-13 | S-13 (0-1.0') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-14 | S-13 (1.5') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-15 | S-13 (2.0') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-16 | S-13 (3.0') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-17 | S-14 (0-1.0') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-18 | S-15 (0-1.0') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-19 | S-15 (1.5') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-20 | S-15 (2.0') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-21 | S-15 (3.0') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-22 | S-16 (0-1.0') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-23 | S-16 (1.5') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-24 | S-16 (2.0') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-25 | S-17 (0-1.0') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-26 | S-17 (1.5') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-27 | S-17 (2.0') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-28 | S-18 (0-1.0') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-29 | S-18 (1.5') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31826-30 | S-18 (2.0') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |

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880-31826 Chain of Custody

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| | | | |
|-----------------|-----------------------|------------------------|-----------------------------|
| Project Manager | Conner Moehring | Bill to (if different) | Todd Wells |
| 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 | Todd.Wells@eogresources.com |

| | |
|----------------------------|---|
| Work Order Comments | |
| Program: UST/PST | <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Deepfund |
| 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 |
| Deliverables | EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other |

| | | | | | | | |
|-----------------------|--|--|---|--|--|-------------------------|--|
| Project Name | Deep Elm AST Spill (Pipeline Road) | Turn Around | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | Pres. Code | | ANALYSIS REQUEST | Preservative Codes |
| Project Number | 2109 | Due Date | 72 Hours | | | | None NO <input type="checkbox"/> DI Water H ₂ O |
| Project Location | Eddy County, New Mexico | | | | | | Cool Cool <input type="checkbox"/> MeOH Me |
| Sampler's Name | GPJ / JR | | | | | | HCL HC <input type="checkbox"/> HNO ₃ HN |
| PO #: | | | | | | | H ₂ SO ₄ H ₂ <input type="checkbox"/> NaOH Na |
| SAMPLE RECEIPT | Tapp Blank | Yes (No) <input checked="" type="checkbox"/> | Wet Ice | Yes (No) <input checked="" type="checkbox"/> | | | H ₃ PO ₄ HP |
| Received Intact: | Yes (No) <input checked="" type="checkbox"/> | Thermometer ID | | | | | NaHSO ₄ NABIS |
| Cooler Custody Seals | Yes (No) <input checked="" type="checkbox"/> | Correction Factor | | | | | Na ₂ S ₂ O ₃ NaSO ₃ |
| Sample Custody Seals | Yes (No) <input checked="" type="checkbox"/> | 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 | BTEX 8021B | TPH TX 1005 (Ext to C35) | Chloride 300.0 | Sample Comments |
|-----------------------|----------|------|------|-------|-----------|-----------|------------|--------------------------|----------------|-----------------|
| S-1 (0-1.0') | 8/7/2023 | | X | | G | 1 | X | X | X | |
| S-2 (0-1.0') | 8/7/2023 | | X | | G | 1 | X | X | X | |
| S-3 (0-1.0') | 8/7/2023 | | X | | G | 1 | X | X | X | |
| S-4 (0-0.5') | 8/7/2023 | | X | | G | 1 | X | X | X | |
| S-5 (0-0.5') | 8/7/2023 | | X | | G | 1 | X | X | X | |
| S-6 (0-0.5') | 8/7/2023 | | X | | G | 1 | X | X | X | |
| S-7 (0-0.5') | 8/7/2023 | | X | | G | 1 | X | X | X | |
| S-8 (0-1.0') | 8/7/2023 | | X | | G | 1 | X | X | X | |
| S-9 (0-1.0') | 8/7/2023 | | X | | G | 1 | X | X | X | |
| S-10 (0-0.5') | 8/7/2023 | | 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 | |
| | 8/9 9:00 | |
| Received by (Signature) | Date/Time | |
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Work Order No: 318210

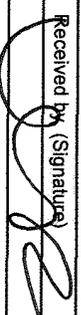
Page 2 of 3

| | | | |
|-----------------|-----------------------|------------------------|-----------------------------|
| Project Manager | Conner Moehring | Bill to (if different) | Todd Wells |
| 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 | Todd_Wells@eogresources.com |

| | | | | | | | |
|-----------------------|------------------------------------|---------------------|-----------------------|----------------------------------|--|----------|----------|
| Project Name | Deep Elm AST Spill (Pipeline Road) | | Turn Around | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush | Due Date | 72 Hours |
| Project Number | 2109 | | Parameters | BTEX 8021B | | | |
| Project Location | Eddy County, New Mexico | | | TPH TX 1005 (Ext to C35) | | | |
| Sampler's Name | GPJ / JR | | | Chloride 300.0 | | | |
| PC # | | | | | | | |
| SAMPLE RECEIPT | Temp Blank. | Yes No | Well Ice | Yes No | | | |
| Received Intact. | Yes No | Thermometer ID | | | | | |
| Cooler Custody Seals. | Yes No N/A | Correction Factor | | | | | |
| Sample Custody Seals | Yes No N/A | Temperature Reading | | | | | |
| Total Containers | | | Corrected Temperature | | | | |

| Sample Identification | Date | Time | Soil | Water | Grab/Comp | # of Cont | ANALYSIS REQUEST | Preservative Codes | Sample Comments |
|-----------------------|----------|------|------|-------|-----------|-----------|------------------|---|---------------------|
| S-11 (0-0.5') | 8/7/2023 | | X | | G | 1 | | None NO | |
| S-12 (0-1.0') | 8/7/2023 | | X | | G | 1 | | DI Water- H ₂ O | |
| S-13 (0-1.0') | 8/7/2023 | | X | | G | 1 | | Cool Cool | MeOH Me |
| S-13 (1.5') | 8/7/2023 | | X | | G | 1 | | HCL HC | HNO ₃ HN |
| S-13 (2.0') | 8/7/2023 | | X | | G | 1 | | H ₂ SO ₄ H ₂ | NaOH Na |
| S-13 (3.0') | 8/7/2023 | | X | | G | 1 | | H ₃ PO ₄ HP | |
| S-14 (0-1.0') | 8/7/2023 | | X | | G | 1 | | NaHSO ₄ NABIS | |
| S-15 (0-1.0') | 8/7/2023 | | X | | G | 1 | | Na ₂ S ₂ O ₃ NaSO ₃ | |
| S-15 (1.5') | 8/7/2023 | | X | | G | 1 | | Zn Acetate+NaOH Zn | |
| S-15 (2.0') | 8/7/2023 | | X | | G | 1 | | NaOH+Ascorbic Acid SAPC | |

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

| | | |
|---|-----------|-----------|
| Relinquished by (Signature) | Date/Time | Date/Time |
|  | 8/7 9:00 | Date/Time |
| Received by (Signature) | | Date/Time |
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Loc: 880
 Work Order No **31826**

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|--------------------------------------|--------------------------------------|
| Project Manager Comer Moehring | Bill to (if different) Todd Wells |
| 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 Todd.Wells@eogresources.com |

| | |
|---|---|
| Work Order Comments | |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> IRC <input type="checkbox"/> Inperfund <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 Deep Elm AST Spill (Pipeline Road) | 2109 | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush | Turn Around | 72 Hours | Pres. Code | |
| Project Location Eddy County, New Mexico | Due Date | | | | | | |
| Sampler's Name GPJ / JR | | | | | | | |
| PO # | | | | | | | |
| SAMPLE RECEIPT | Temp Blank | Yes | No | Thermometer ID | Yes | No | |
| Received Intact | Yes | No | | Correction Factor | Yes | No | |
| Coder Custody Seals | Yes | No | N/A | Temperature Reading | Yes | No | |
| Sample Custody Seals | Yes | No | N/A | Corrected Temperature | | | |
| Total Containers | | | | | | | |

| Sample Identification | Date | Time | Soil | Water | Grab/Comp | # of Cont | Parameters | | | ANALYSIS REQUEST | Preservative Codes |
|-----------------------|----------|------|------|-------|-----------|-----------|------------|--------------------------|----------------|------------------|---|
| | | | | | | | BTEX 8021B | TPH TX 1005 (Ext to C35) | Chloride 300.0 | | |
| S-15 (3.0') | 8/7/2023 | | X | | G | 1 | X | X | X | | None NO |
| S-16 (0-1.0') | 8/7/2023 | | X | | G | 1 | X | X | X | | Cool Cool |
| S-16 (1.5') | 8/7/2023 | | X | | G | 1 | X | X | X | | HCL HC |
| S-16 (2.0') | 8/7/2023 | | X | | G | 1 | X | X | X | | H ₂ SO ₄ H ₂ |
| S-17 (0-1.0') | 8/7/2023 | | X | | G | 1 | X | X | X | | H ₃ PO ₄ HP |
| S-17 (1.5') | 8/7/2023 | | X | | G | 1 | X | X | X | | NaHSO ₄ NABIS |
| S-17 (2.0') | 8/7/2023 | | X | | G | 1 | X | X | X | | Na ₂ S ₂ O ₃ NaSO ₃ |
| S-18 (0-1.0') | 8/7/2023 | | X | | G | 1 | X | X | X | | Zn Acetate+NaOH Zn |
| S-18 (1.5') | 8/7/2023 | | X | | G | 1 | X | X | X | | NaOH+Ascorbic Acid SACP |
| S-18 (2.0') | 8/7/2023 | | X | | G | 1 | X | X | X | | |

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Comer Moehring / cmohring@carmonaresources.com

| | | | |
|---------------------------------|-----------------------|-----------------------------|-----------|
| Relinquished by (Signature) | Date/Time 8/9 9:00 | Received by (Signature) | Date/Time |
|---------------------------------|-----------------------|-----------------------------|-----------|

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-31826-1
SDG Number: Eddy County, New Mexico

Login Number: 31826

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
 Carmona Resources
 310 W Wall St
 Ste 500
 Midland, Texas 79701

Generated 8/14/2023 9:29:16 PM

JOB DESCRIPTION

Deep Elm AST Spill (Pipeline Road)
 SDG NUMBER Eddy County, New Mexico

JOB NUMBER

880-31825-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

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

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

Authorization



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8/14/2023 9:29:16 PM

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

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Laboratory Job ID: 880-31825-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

| Qualifier | Qualifier Description |
|-----------|--|
| F1 | MS and/or MSD recovery exceeds control limits. |
| U | Indicates the analyte was analyzed for but not detected. |

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy County, New Mexico

Job ID: 880-31825-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-31825-1****Receipt**

The samples were received on 8/9/2023 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -13.3°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-31825-1), H-2 (0-0.5') (880-31825-2), H-3 (0-0.5') (880-31825-3), H-4 (0-0.5') (880-31825-4), H-5 (0-0.5') (880-31825-5), H-6 (0-0.5') (880-31825-6), H-7 (0-0.5') (880-31825-7) and H-8 (0-0.5') (880-31825-8).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: H-2 (0-0.5') (880-31825-2) and H-6 (0-0.5') (880-31825-6). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-59852/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-59869 recovered below the lower control limit for Benzene, Toluene and Ethylbenzene. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-59869/33).

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

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-59848 and analytical batch 880-59901 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-59901/20), (CCV 880-59901/31), (CCV 880-59901/5), (LCS 880-59848/2-A) and (LCSD 880-59848/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H-1 (0-0.5') (880-31825-1), H-4 (0-0.5') (880-31825-4) and (880-31432-A-4-E MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-59728 and analytical batch 880-59864 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-31825-1

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 04:02 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 04:02 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 04:02 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 04:02 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 04:02 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 04:02 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 79 | | 70 - 130 | 08/10/23 11:41 | 08/11/23 04:02 | 1 |
| 1,4-Difluorobenzene (Surr) | 79 | | 70 - 130 | 08/10/23 11:41 | 08/11/23 04:02 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 64.4 | | 50.2 | | mg/Kg | | | 08/14/23 22:22 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 14:15 | 1 |
| Diesel Range Organics (Over C10-C28) | 64.4 | | 50.2 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 14:15 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 14:15 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 132 | S1+ | 70 - 130 | 08/10/23 11:15 | 08/11/23 14:15 | 1 |
| o-Terphenyl | 150 | S1+ | 70 - 130 | 08/10/23 11:15 | 08/11/23 14:15 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 54.1 | | 5.03 | | mg/Kg | | | 08/10/23 16:18 | 1 |

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

Lab Sample ID: 880-31825-2

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 04:22 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 04:22 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 04:22 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 04:22 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 04:22 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 04:22 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 77 | | 70 - 130 | 08/10/23 11:41 | 08/11/23 04:22 | 1 |
| 1,4-Difluorobenzene (Surr) | 64 | S1- | 70 - 130 | 08/10/23 11:41 | 08/11/23 04:22 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-31825-2

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 08/14/23 22:22 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 14:37 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 14:37 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 14:37 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 114 | | 70 - 130 | | | | 08/10/23 11:15 | 08/11/23 14:37 | 1 |
| o-Terphenyl | 129 | | 70 - 130 | | | | 08/10/23 11:15 | 08/11/23 14:37 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 36.9 | | 5.02 | | mg/Kg | | | 08/10/23 16:39 | 1 |

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

Lab Sample ID: 880-31825-3

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 04:42 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 04:42 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 04:42 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 04:42 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 04:42 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 04:42 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 81 | | 70 - 130 | | | | 08/10/23 11:41 | 08/11/23 04:42 | 1 |
| 1,4-Difluorobenzene (Surr) | 80 | | 70 - 130 | | | | 08/10/23 11:41 | 08/11/23 04:42 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 08/14/23 22:22 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 15:22 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 15:22 | 1 |

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Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-31825-3

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 15:22 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 109 | | 70 - 130 | | | | 08/10/23 11:15 | 08/11/23 15:22 | 1 |
| o-Terphenyl | 120 | | 70 - 130 | | | | 08/10/23 11:15 | 08/11/23 15:22 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 48.2 | | 5.00 | | mg/Kg | | | 08/10/23 16:47 | 1 |

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

Lab Sample ID: 880-31825-4

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 05:03 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 05:03 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 05:03 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 05:03 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 05:03 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 05:03 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 77 | | 70 - 130 | | | | 08/10/23 11:41 | 08/11/23 05:03 | 1 |
| 1,4-Difluorobenzene (Surr) | 73 | | 70 - 130 | | | | 08/10/23 11:41 | 08/11/23 05:03 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 08/14/23 22:22 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 15:45 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 15:45 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 15:45 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 131 | S1+ | 70 - 130 | | | | 08/10/23 11:15 | 08/11/23 15:45 | 1 |
| o-Terphenyl | 137 | S1+ | 70 - 130 | | | | 08/10/23 11:15 | 08/11/23 15:45 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 47.1 | | 4.98 | | mg/Kg | | | 08/10/23 16:54 | 1 |

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Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-31825-5

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 05:23 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 05:23 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 05:23 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 05:23 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 05:23 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 05:23 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 76 | | 70 - 130 | 08/10/23 11:41 | 08/11/23 05:23 | 1 |
| 1,4-Difluorobenzene (Surr) | 72 | | 70 - 130 | 08/10/23 11:41 | 08/11/23 05:23 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 08/14/23 22:22 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 16:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 16:08 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 16:08 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 116 | | 70 - 130 | 08/10/23 11:15 | 08/11/23 16:08 | 1 |
| o-Terphenyl | 122 | | 70 - 130 | 08/10/23 11:15 | 08/11/23 16:08 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 46.1 | | 4.96 | | mg/Kg | | | 08/10/23 17:01 | 1 |

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

Lab Sample ID: 880-31825-6

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 05:44 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 05:44 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 05:44 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 05:44 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 05:44 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 05:44 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 92 | | 70 - 130 | 08/10/23 11:41 | 08/11/23 05:44 | 1 |
| 1,4-Difluorobenzene (Surr) | 57 | S1- | 70 - 130 | 08/10/23 11:41 | 08/11/23 05:44 | 1 |

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Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-31825-6

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 08/14/23 22:22 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 16:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 16:30 | 1 |
| Oil Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 16:30 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 104 | | 70 - 130 | 08/10/23 11:15 | 08/11/23 16:30 | 1 |
| o-Terphenyl | 115 | | 70 - 130 | 08/10/23 11:15 | 08/11/23 16:30 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 36.7 | | 5.02 | | mg/Kg | | | 08/10/23 17:08 | 1 |

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

Lab Sample ID: 880-31825-7

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 06:04 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 06:04 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 06:04 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 06:04 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 06:04 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 06:04 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 119 | | 70 - 130 | 08/10/23 11:41 | 08/11/23 06:04 | 1 |
| 1,4-Difluorobenzene (Surr) | 74 | | 70 - 130 | 08/10/23 11:41 | 08/11/23 06:04 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 08/14/23 22:22 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 16:53 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 16:53 | 1 |

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-31825-7

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 16:53 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 105 | | 70 - 130 | | | | 08/10/23 11:15 | 08/11/23 16:53 | 1 |
| o-Terphenyl | 115 | | 70 - 130 | | | | 08/10/23 11:15 | 08/11/23 16:53 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 36.8 | F1 | 5.05 | | mg/Kg | | | 08/10/23 17:15 | 1 |

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

Lab Sample ID: 880-31825-8

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 06:25 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 06:25 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 06:25 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 06:25 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 06:25 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 06:25 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 107 | | 70 - 130 | | | | 08/10/23 11:41 | 08/11/23 06:25 | 1 |
| 1,4-Difluorobenzene (Surr) | 74 | | 70 - 130 | | | | 08/10/23 11:41 | 08/11/23 06:25 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 08/11/23 11:23 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 08/14/23 22:22 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 17:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 17:16 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 17:16 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 90 | | 70 - 130 | | | | 08/10/23 11:15 | 08/11/23 17:16 | 1 |
| o-Terphenyl | 97 | | 70 - 130 | | | | 08/10/23 11:15 | 08/11/23 17:16 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 51.7 | | 4.99 | | mg/Kg | | | 08/10/23 17:36 | 1 |

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Surrogate Summary

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
 SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | |
|--------------------|------------------------|--|-------------------|
| | | BFB1 (70-130) | DFBZ1 (70-130) |
| 880-31825-1 | H-1 (0-0.5') | 79 | 79 |
| 880-31825-1 MS | H-1 (0-0.5') | 121 | 118 |
| 880-31825-1 MSD | H-1 (0-0.5') | 122 | 111 |
| 880-31825-2 | H-2 (0-0.5') | 77 | 64 S1- |
| 880-31825-3 | H-3 (0-0.5') | 81 | 80 |
| 880-31825-4 | H-4 (0-0.5') | 77 | 73 |
| 880-31825-5 | H-5 (0-0.5') | 76 | 72 |
| 880-31825-6 | H-6 (0-0.5') | 92 | 57 S1- |
| 880-31825-7 | H-7 (0-0.5') | 119 | 74 |
| 880-31825-8 | H-8 (0-0.5') | 107 | 74 |
| LCS 880-59852/1-A | Lab Control Sample | 125 | 113 |
| LCSD 880-59852/2-A | Lab Control Sample Dup | 129 | 116 |
| MB 880-59833/5-A | Method Blank | 71 | 97 |
| MB 880-59852/5-A | Method Blank | 69 S1- | 83 |

Surrogate Legend
 BFB = 4-Bromofluorobenzene (Surr)
 DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | |
|---------------------|------------------------|--|-------------------|
| | | 1CO1 (70-130) | OTPH1 (70-130) |
| 880-31432-A-4-E MS | Matrix Spike | 126 | 132 S1+ |
| 880-31432-A-4-F MSD | Matrix Spike Duplicate | 117 | 121 |
| 880-31825-1 | H-1 (0-0.5') | 132 S1+ | 150 S1+ |
| 880-31825-2 | H-2 (0-0.5') | 114 | 129 |
| 880-31825-3 | H-3 (0-0.5') | 109 | 120 |
| 880-31825-4 | H-4 (0-0.5') | 131 S1+ | 137 S1+ |
| 880-31825-5 | H-5 (0-0.5') | 116 | 122 |
| 880-31825-6 | H-6 (0-0.5') | 104 | 115 |
| 880-31825-7 | H-7 (0-0.5') | 105 | 115 |
| 880-31825-8 | H-8 (0-0.5') | 90 | 97 |
| LCS 880-59848/2-A | Lab Control Sample | 121 | 155 S1+ |
| LCSD 880-59848/3-A | Lab Control Sample Dup | 123 | 156 S1+ |
| MB 880-59848/1-A | Method Blank | 107 | 132 S1+ |

Surrogate Legend
 1CO = 1-Chlorooctane
 OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
 SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-59833/5-A
 Matrix: Solid
 Analysis Batch: 59869

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 59833

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:04 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:04 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:04 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:04 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:04 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 08/10/23 09:33 | 08/10/23 17:04 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 71 | | 70 - 130 | | | | 08/10/23 09:33 | 08/10/23 17:04 | 1 |
| 1,4-Difluorobenzene (Surr) | 97 | | 70 - 130 | | | | 08/10/23 09:33 | 08/10/23 17:04 | 1 |

Lab Sample ID: MB 880-59852/5-A
 Matrix: Solid
 Analysis Batch: 59869

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 59852

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 03:40 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 03:40 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 03:40 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 03:40 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 03:40 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 08/10/23 11:41 | 08/11/23 03:40 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 69 | S1- | 70 - 130 | | | | 08/10/23 11:41 | 08/11/23 03:40 | 1 |
| 1,4-Difluorobenzene (Surr) | 83 | | 70 - 130 | | | | 08/10/23 11:41 | 08/11/23 03:40 | 1 |

Lab Sample ID: LCS 880-59852/1-A
 Matrix: Solid
 Analysis Batch: 59869

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 59852

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|---------------|---------------|-------|---|------|-------------|
| | | | | | | | |
| Toluene | 0.100 | 0.1027 | | mg/Kg | | 103 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.1049 | | mg/Kg | | 105 | 70 - 130 |
| m-Xylene & p-Xylene | 0.200 | 0.2341 | | mg/Kg | | 117 | 70 - 130 |
| o-Xylene | 0.100 | 0.1157 | | mg/Kg | | 116 | 70 - 130 |
| Surrogate | %Recovery | LCS Qualifier | Limits | | | | |
| 4-Bromofluorobenzene (Surr) | 125 | | 70 - 130 | | | | |
| 1,4-Difluorobenzene (Surr) | 113 | | 70 - 130 | | | | |

Lab Sample ID: LCSD 880-59852/2-A
 Matrix: Solid
 Analysis Batch: 59869

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 59852

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | |
|---------|-------------|-------------|----------------|-------|---|------|-------------|-----|-------|
| | | | | | | | | RPD | Limit |
| Benzene | 0.100 | 0.09315 | | mg/Kg | | 93 | 70 - 130 | 0 | 35 |

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QC Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-59852/2-A
 Matrix: Solid
 Analysis Batch: 59869

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 59852

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec | | RPD | Limit |
|---------------------|-------------|-------------|----------------|-------|---|------|----------|-----|-----|-------|
| | | | | | | | Limits | RPD | | |
| Toluene | 0.100 | 0.1021 | | mg/Kg | | 102 | 70 - 130 | 1 | 35 | |
| Ethylbenzene | 0.100 | 0.1065 | | mg/Kg | | 106 | 70 - 130 | 1 | 35 | |
| m-Xylene & p-Xylene | 0.200 | 0.2378 | | mg/Kg | | 119 | 70 - 130 | 2 | 35 | |
| o-Xylene | 0.100 | 0.1178 | | mg/Kg | | 118 | 70 - 130 | 2 | 35 | |

| Surrogate | LCSD | | Limits |
|-----------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 4-Bromofluorobenzene (Surr) | 129 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 116 | | 70 - 130 |

Lab Sample ID: 880-31825-1 MS
 Matrix: Solid
 Analysis Batch: 59869

Client Sample ID: H-1 (0-0.5')
 Prep Type: Total/NA
 Prep Batch: 59852

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS | | Unit | D | %Rec | %Rec | | RPD | Limit |
|---------------------|---------------|------------------|-------------|---------|-----------|-------|---|------|----------|-----|-----|-------|
| | | | | Result | Qualifier | | | | Limits | RPD | | |
| Benzene | <0.00199 | U | 0.0996 | 0.08755 | | mg/Kg | | 87 | 70 - 130 | | 35 | |
| Toluene | <0.00199 | U | 0.0996 | 0.08692 | | mg/Kg | | 87 | 70 - 130 | | 35 | |
| Ethylbenzene | <0.00199 | U | 0.0996 | 0.08582 | | mg/Kg | | 86 | 70 - 130 | | 35 | |
| m-Xylene & p-Xylene | <0.00398 | U | 0.199 | 0.1787 | | mg/Kg | | 89 | 70 - 130 | | 35 | |
| o-Xylene | <0.00199 | U | 0.0996 | 0.08562 | | mg/Kg | | 86 | 70 - 130 | | 35 | |

| Surrogate | MS | | Limits |
|-----------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 4-Bromofluorobenzene (Surr) | 121 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 118 | | 70 - 130 |

Lab Sample ID: 880-31825-1 MSD
 Matrix: Solid
 Analysis Batch: 59869

Client Sample ID: H-1 (0-0.5')
 Prep Type: Total/NA
 Prep Batch: 59852

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD | | Unit | D | %Rec | %Rec | | RPD | Limit |
|---------------------|---------------|------------------|-------------|---------|-----------|-------|---|------|----------|-----|-----|-------|
| | | | | Result | Qualifier | | | | Limits | RPD | | |
| Benzene | <0.00199 | U | 0.101 | 0.09473 | | mg/Kg | | 93 | 70 - 130 | 8 | 35 | |
| Toluene | <0.00199 | U | 0.101 | 0.09766 | | mg/Kg | | 97 | 70 - 130 | 12 | 35 | |
| Ethylbenzene | <0.00199 | U | 0.101 | 0.09844 | | mg/Kg | | 98 | 70 - 130 | 14 | 35 | |
| m-Xylene & p-Xylene | <0.00398 | U | 0.202 | 0.1972 | | mg/Kg | | 97 | 70 - 130 | 10 | 35 | |
| o-Xylene | <0.00199 | U | 0.101 | 0.09325 | | mg/Kg | | 92 | 70 - 130 | 9 | 35 | |

| Surrogate | MSD | | Limits |
|-----------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 4-Bromofluorobenzene (Surr) | 122 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 111 | | 70 - 130 |

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

Lab Sample ID: MB 880-59848/1-A
 Matrix: Solid
 Analysis Batch: 59901

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 59848

| Analyte | MB | | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 07:45 | 1 |

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QC Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-59848/1-A
Matrix: Solid
Analysis Batch: 59901

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 59848

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|----------------|----------------|---------|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 07:45 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 08/10/23 11:15 | 08/11/23 07:45 | 1 |
| Surrogate | MB | MB | Limits | Prepared | Analyzed | Dil Fac | | | |
| | %Recovery | Qualifier | | | | | | | |
| 1-Chlorooctane | 107 | | 70 - 130 | 08/10/23 11:15 | 08/11/23 07:45 | 1 | | | |
| o-Terphenyl | 132 | S1+ | 70 - 130 | 08/10/23 11:15 | 08/11/23 07:45 | 1 | | | |

Lab Sample ID: LCS 880-59848/2-A
Matrix: Solid
Analysis Batch: 59901

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 59848

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | Limits |
|--------------------------------------|-------------|------------|---------------|-------|---|------|----------|
| | | | | | | | |
| Diesel Range Organics (Over C10-C28) | 1000 | 1077 | | mg/Kg | | 108 | 70 - 130 |
| Surrogate | LCS | LCS | Limits | | | | |
| | %Recovery | Qualifier | | | | | |
| 1-Chlorooctane | 121 | | 70 - 130 | | | | |
| o-Terphenyl | 155 | S1+ | 70 - 130 | | | | |

Lab Sample ID: LCSD 880-59848/3-A
Matrix: Solid
Analysis Batch: 59901

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 59848

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
|--------------------------------------|-------------|-------------|----------------|-------|---|------|----------|-----|-------|
| | | | | | | | | | |
| Diesel Range Organics (Over C10-C28) | 1000 | 1071 | | mg/Kg | | 107 | 70 - 130 | 1 | 20 |
| Surrogate | LCSD | LCSD | Limits | | | | | | |
| | %Recovery | Qualifier | | | | | | | |
| 1-Chlorooctane | 123 | | 70 - 130 | | | | | | |
| o-Terphenyl | 156 | S1+ | 70 - 130 | | | | | | |

Lab Sample ID: 880-31432-A-4-E MS
Matrix: Solid
Analysis Batch: 59901

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 59848

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | Limits |
|--------------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|----------|
| | | | | | | | | | |
| Diesel Range Organics (Over C10-C28) | 89.0 | | 991 | 1146 | | mg/Kg | | 107 | 70 - 130 |
| Surrogate | MS | MS | Limits | | | | | | |
| | %Recovery | Qualifier | | | | | | | |
| 1-Chlorooctane | 126 | | 70 - 130 | | | | | | |
| o-Terphenyl | 132 | S1+ | 70 - 130 | | | | | | |

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QC Sample Results

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-31432-A-4-F MSD
 Matrix: Solid
 Analysis Batch: 59901

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 59848

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|------------------|----------------------|-------------|------------|---------------|-------|---|------|-------------|-----|---------------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 1010 | 1021 | | mg/Kg | | 97 | 70 - 130 | 4 | 20 |
| Diesel Range Organics (Over C10-C28) | 89.0 | | 1010 | 1085 | | mg/Kg | | 99 | 70 - 130 | 6 | 20 |
| Surrogate | %Recovery | MSD Qualifier | | MSD | | | | | | | Limits |
| 1-Chlorooctane | 117 | | | | | | | | | | 70 - 130 |
| o-Terphenyl | 121 | | | | | | | | | | 70 - 130 |

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-59728/1-A
 Matrix: Solid
 Analysis Batch: 59864

Client Sample ID: Method Blank
 Prep Type: Soluble

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|-----------|--------------|------|-----|-------|---|----------|----------------|---------|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 08/10/23 15:13 | 1 |

Lab Sample ID: LCS 880-59728/2-A
 Matrix: Solid
 Analysis Batch: 59864

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| Chloride | 250 | 269.7 | | mg/Kg | | 108 | 90 - 110 |

Lab Sample ID: LCSD 880-59728/3-A
 Matrix: Solid
 Analysis Batch: 59864

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

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Chloride | 250 | 272.6 | | mg/Kg | | 109 | 90 - 110 | 1 | 20 |

Lab Sample ID: 880-31825-7 MS
 Matrix: Solid
 Analysis Batch: 59864

Client Sample ID: H-7 (0-0.5')
 Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 36.8 | F1 | 253 | 328.6 | F1 | mg/Kg | | 116 | 90 - 110 |

Lab Sample ID: 880-31825-7 MSD
 Matrix: Solid
 Analysis Batch: 59864

Client Sample ID: H-7 (0-0.5')
 Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 36.8 | F1 | 253 | 328.1 | F1 | mg/Kg | | 115 | 90 - 110 | 0 | 20 |

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QC Association Summary

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
 SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 59833

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|--------|------------|
| MB 880-59833/5-A | Method Blank | Total/NA | Solid | 5035 | |

Prep Batch: 59852

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-31825-1 | H-1 (0-0.5') | Total/NA | Solid | 5035 | |
| 880-31825-2 | H-2 (0-0.5') | Total/NA | Solid | 5035 | |
| 880-31825-3 | H-3 (0-0.5') | Total/NA | Solid | 5035 | |
| 880-31825-4 | H-4 (0-0.5') | Total/NA | Solid | 5035 | |
| 880-31825-5 | H-5 (0-0.5') | Total/NA | Solid | 5035 | |
| 880-31825-6 | H-6 (0-0.5') | Total/NA | Solid | 5035 | |
| 880-31825-7 | H-7 (0-0.5') | Total/NA | Solid | 5035 | |
| 880-31825-8 | H-8 (0-0.5') | Total/NA | Solid | 5035 | |
| MB 880-59852/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-59852/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-59852/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-31825-1 MS | H-1 (0-0.5') | Total/NA | Solid | 5035 | |
| 880-31825-1 MSD | H-1 (0-0.5') | Total/NA | Solid | 5035 | |

Analysis Batch: 59869

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-31825-1 | H-1 (0-0.5') | Total/NA | Solid | 8021B | 59852 |
| 880-31825-2 | H-2 (0-0.5') | Total/NA | Solid | 8021B | 59852 |
| 880-31825-3 | H-3 (0-0.5') | Total/NA | Solid | 8021B | 59852 |
| 880-31825-4 | H-4 (0-0.5') | Total/NA | Solid | 8021B | 59852 |
| 880-31825-5 | H-5 (0-0.5') | Total/NA | Solid | 8021B | 59852 |
| 880-31825-6 | H-6 (0-0.5') | Total/NA | Solid | 8021B | 59852 |
| 880-31825-7 | H-7 (0-0.5') | Total/NA | Solid | 8021B | 59852 |
| 880-31825-8 | H-8 (0-0.5') | Total/NA | Solid | 8021B | 59852 |
| MB 880-59833/5-A | Method Blank | Total/NA | Solid | 8021B | 59833 |
| MB 880-59852/5-A | Method Blank | Total/NA | Solid | 8021B | 59852 |
| LCS 880-59852/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 59852 |
| LCSD 880-59852/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 59852 |
| 880-31825-1 MS | H-1 (0-0.5') | Total/NA | Solid | 8021B | 59852 |
| 880-31825-1 MSD | H-1 (0-0.5') | Total/NA | Solid | 8021B | 59852 |

Analysis Batch: 59936

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 880-31825-1 | H-1 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 880-31825-2 | H-2 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 880-31825-3 | H-3 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 880-31825-4 | H-4 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 880-31825-5 | H-5 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 880-31825-6 | H-6 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 880-31825-7 | H-7 (0-0.5') | Total/NA | Solid | Total BTEX | |
| 880-31825-8 | H-8 (0-0.5') | Total/NA | Solid | Total BTEX | |

GC Semi VOA

Prep Batch: 59848

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|-------------|------------|
| 880-31825-1 | H-1 (0-0.5') | Total/NA | Solid | 8015NM Prep | |

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
 SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 59848 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|-------------|------------|
| 880-31825-2 | H-2 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-31825-3 | H-3 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-31825-4 | H-4 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-31825-5 | H-5 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-31825-6 | H-6 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-31825-7 | H-7 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| 880-31825-8 | H-8 (0-0.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-59848/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-59848/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-59848/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-31432-A-4-E MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-31432-A-4-F MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 59901

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-31825-1 | H-1 (0-0.5') | Total/NA | Solid | 8015B NM | 59848 |
| 880-31825-2 | H-2 (0-0.5') | Total/NA | Solid | 8015B NM | 59848 |
| 880-31825-3 | H-3 (0-0.5') | Total/NA | Solid | 8015B NM | 59848 |
| 880-31825-4 | H-4 (0-0.5') | Total/NA | Solid | 8015B NM | 59848 |
| 880-31825-5 | H-5 (0-0.5') | Total/NA | Solid | 8015B NM | 59848 |
| 880-31825-6 | H-6 (0-0.5') | Total/NA | Solid | 8015B NM | 59848 |
| 880-31825-7 | H-7 (0-0.5') | Total/NA | Solid | 8015B NM | 59848 |
| 880-31825-8 | H-8 (0-0.5') | Total/NA | Solid | 8015B NM | 59848 |
| MB 880-59848/1-A | Method Blank | Total/NA | Solid | 8015B NM | 59848 |
| LCS 880-59848/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 59848 |
| LCSD 880-59848/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 59848 |
| 880-31432-A-4-E MS | Matrix Spike | Total/NA | Solid | 8015B NM | 59848 |
| 880-31432-A-4-F MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 59848 |

Analysis Batch: 60225

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 880-31825-1 | H-1 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 880-31825-2 | H-2 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 880-31825-3 | H-3 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 880-31825-4 | H-4 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 880-31825-5 | H-5 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 880-31825-6 | H-6 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 880-31825-7 | H-7 (0-0.5') | Total/NA | Solid | 8015 NM | |
| 880-31825-8 | H-8 (0-0.5') | Total/NA | Solid | 8015 NM | |

HPLC/IC

Leach Batch: 59728

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 880-31825-1 | H-1 (0-0.5') | Soluble | Solid | DI Leach | |
| 880-31825-2 | H-2 (0-0.5') | Soluble | Solid | DI Leach | |
| 880-31825-3 | H-3 (0-0.5') | Soluble | Solid | DI Leach | |
| 880-31825-4 | H-4 (0-0.5') | Soluble | Solid | DI Leach | |
| 880-31825-5 | H-5 (0-0.5') | Soluble | Solid | DI Leach | |
| 880-31825-6 | H-6 (0-0.5') | Soluble | Solid | DI Leach | |
| 880-31825-7 | H-7 (0-0.5') | Soluble | Solid | DI Leach | |

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
 SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 59728 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 880-31825-8 | H-8 (0-0.5') | Soluble | Solid | DI Leach | |
| MB 880-59728/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-59728/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-59728/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-31825-7 MS | H-7 (0-0.5') | Soluble | Solid | DI Leach | |
| 880-31825-7 MSD | H-7 (0-0.5') | Soluble | Solid | DI Leach | |

Analysis Batch: 59864

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-31825-1 | H-1 (0-0.5') | Soluble | Solid | 300.0 | 59728 |
| 880-31825-2 | H-2 (0-0.5') | Soluble | Solid | 300.0 | 59728 |
| 880-31825-3 | H-3 (0-0.5') | Soluble | Solid | 300.0 | 59728 |
| 880-31825-4 | H-4 (0-0.5') | Soluble | Solid | 300.0 | 59728 |
| 880-31825-5 | H-5 (0-0.5') | Soluble | Solid | 300.0 | 59728 |
| 880-31825-6 | H-6 (0-0.5') | Soluble | Solid | 300.0 | 59728 |
| 880-31825-7 | H-7 (0-0.5') | Soluble | Solid | 300.0 | 59728 |
| 880-31825-8 | H-8 (0-0.5') | Soluble | Solid | 300.0 | 59728 |
| MB 880-59728/1-A | Method Blank | Soluble | Solid | 300.0 | 59728 |
| LCS 880-59728/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 59728 |
| LCSD 880-59728/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 59728 |
| 880-31825-7 MS | H-7 (0-0.5') | Soluble | Solid | 300.0 | 59728 |
| 880-31825-7 MSD | H-7 (0-0.5') | Soluble | Solid | 300.0 | 59728 |

Lab Chronicle

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-31825-1

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 59852 | 08/10/23 11:41 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/11/23 04:02 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59936 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60225 | 08/14/23 22:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.96 g | 10 mL | 59848 | 08/10/23 11:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59901 | 08/11/23 14:15 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 59728 | 08/09/23 09:40 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 59864 | 08/10/23 16:18 | CH | EET MID |

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

Lab Sample ID: 880-31825-2

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.96 g | 5 mL | 59852 | 08/10/23 11:41 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/11/23 04:22 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59936 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60225 | 08/14/23 22:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10 mL | 59848 | 08/10/23 11:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59901 | 08/11/23 14:37 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 59728 | 08/09/23 09:40 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 59864 | 08/10/23 16:39 | CH | EET MID |

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

Lab Sample ID: 880-31825-3

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 59852 | 08/10/23 11:41 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/11/23 04:42 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59936 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60225 | 08/14/23 22:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.08 g | 10 mL | 59848 | 08/10/23 11:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59901 | 08/11/23 15:22 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5 g | 50 mL | 59728 | 08/09/23 09:40 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 59864 | 08/10/23 16:47 | CH | EET MID |

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

Lab Sample ID: 880-31825-4

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 59852 | 08/10/23 11:41 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/11/23 05:03 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59936 | 08/11/23 11:23 | SM | EET MID |

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-31825-4

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8015 NM | | 1 | | | 60225 | 08/14/23 22:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 59848 | 08/10/23 11:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59901 | 08/11/23 15:45 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 59728 | 08/09/23 09:40 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 59864 | 08/10/23 16:54 | CH | EET MID |

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

Lab Sample ID: 880-31825-5

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 59852 | 08/10/23 11:41 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/11/23 05:23 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59936 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60225 | 08/14/23 22:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 59848 | 08/10/23 11:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59901 | 08/11/23 16:08 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 59728 | 08/09/23 09:40 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 59864 | 08/10/23 17:01 | CH | EET MID |

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

Lab Sample ID: 880-31825-6

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 59852 | 08/10/23 11:41 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/11/23 05:44 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59936 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60225 | 08/14/23 22:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 59848 | 08/10/23 11:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59901 | 08/11/23 16:30 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 59728 | 08/09/23 09:40 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 59864 | 08/10/23 17:08 | CH | EET MID |

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

Lab Sample ID: 880-31825-7

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 59852 | 08/10/23 11:41 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/11/23 06:04 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59936 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60225 | 08/14/23 22:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 59848 | 08/10/23 11:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59901 | 08/11/23 16:53 | SM | EET MID |

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-31825-7

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 59728 | 08/09/23 09:40 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 59864 | 08/10/23 17:15 | CH | EET MID |

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

Lab Sample ID: 880-31825-8

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 59852 | 08/10/23 11:41 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 59869 | 08/11/23 06:25 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 59936 | 08/11/23 11:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 60225 | 08/14/23 22:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 59848 | 08/10/23 11:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 59901 | 08/11/23 17:16 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 59728 | 08/09/23 09:40 | KS | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 59864 | 08/10/23 17:36 | CH | EET MID |

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
 Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
 SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| Texas | NELAP | T104704400-23-26 | 06-30-24 |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte |
|-----------------|-------------|--------|--------------------------------------|
| 300.0 | | Solid | Chloride |
| 8015 NM | | Solid | Total TPH |
| 8015B NM | 8015NM Prep | Solid | Diesel Range Organics (Over C10-C28) |
| 8015B NM | 8015NM Prep | Solid | Gasoline Range Organics (GRO)-C6-C10 |
| 8015B NM | 8015NM Prep | Solid | Oil Range Organics (Over C28-C36) |
| 8021B | 5035 | Solid | Benzene |
| 8021B | 5035 | Solid | Ethylbenzene |
| 8021B | 5035 | Solid | m-Xylene & p-Xylene |
| 8021B | 5035 | Solid | o-Xylene |
| 8021B | 5035 | Solid | Toluene |
| 8021B | 5035 | Solid | Xylenes, Total |
| Total BTEX | | Solid | Total BTEX |

Method Summary

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy County, New Mexico

| Method | Method Description | Protocol | Laboratory |
|-------------|------------------------------------|----------|------------|
| 8021B | Volatile Organic Compounds (GC) | SW846 | EET MID |
| Total BTEX | Total BTEX Calculation | TAL SOP | EET MID |
| 8015 NM | Diesel Range Organics (DRO) (GC) | SW846 | EET MID |
| 8015B NM | Diesel Range Organics (DRO) (GC) | SW846 | EET MID |
| 300.0 | Anions, Ion Chromatography | EPA | EET MID |
| 5035 | Closed System Purge and Trap | SW846 | EET MID |
| 8015NM Prep | Microextraction | SW846 | EET MID |
| DI Leach | Deionized Water Leaching Procedure | ASTM | EET MID |

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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



Sample Summary

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy County, New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|------------------|--------|----------------|----------------|
| 880-31825-1 | H-1 (0-0.5') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31825-2 | H-2 (0-0.5') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31825-3 | H-3 (0-0.5') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31825-4 | H-4 (0-0.5') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31825-5 | H-5 (0-0.5') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31825-6 | H-6 (0-0.5') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31825-7 | H-7 (0-0.5') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |
| 880-31825-8 | H-8 (0-0.5') | Solid | 08/07/23 00:00 | 08/09/23 09:00 |

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| | | | |
|-----------------|-----------------------|------------------------|-----------------------------|
| Project Manager | Conner Moehring | Bill to (if different) | Todd Wells |
| 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 | Todd Wells@eogresources.com |

| | |
|----------------------------|---|
| Work Order Comments | |
| Program: UST/PST | <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Deepfund |
| 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 | Deep Elm AST Spill (Pipeline Road) | Turn Around | | Parameters | ANALYSIS REQUEST | | Preservative Codes |
|-----------------------|------------------------------------|----------------------------------|--|-----------------------|------------------|-----------|---|
| | | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush | | | | |
| Project Number | 2109 | | | Prep. Code | | | None NO |
| Project Location | Eddy County, New Mexico | Due Date | 72 Hours | | | | Cool Cool |
| Sampler's Name | GPJ / JR | | | | | | HCL HC |
| PO # | | | | | | | H ₂ SO ₄ H ₂ |
| SAMPLE RECEIPT | Temp Blank | Yes | No | Wet Ice | Yes | No | H ₃ PO ₄ HP |
| Received In tact: | Yes | No | N/A | Thermometer ID | 130 | | NAHSO ₄ NABIS |
| Cooler Custody Seals | Yes | No | N/A | Correction Factor | | | Na ₂ S ₂ O ₃ NaSO ₃ |
| Sample Custody Seals | Yes | No | N/A | Temperature Reading | 13.3 | | Zn Acetate+NaOH Zn |
| Total Containers | | | | Corrected Temperature | | | NaOH+Ascorbic Acid SAPC |
| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | Sample Comments |
| H-1 (0-0 5') | 8/7/2023 | | X | | G | 1 | |
| H-2 (0-0 5') | 8/7/2023 | | X | | G | 1 | |
| H-3 (0-0 5') | 8/7/2023 | | X | | G | 1 | |
| H-4 (0-0 5') | 8/7/2023 | | X | | G | 1 | |
| H-5 (0-0 5') | 8/7/2023 | | X | | G | 1 | |
| H-6 (0-0 5') | 8/7/2023 | | X | | G | 1 | |
| H-7 (0-0 5') | 8/7/2023 | | X | | G | 1 | |
| H-8 (0-0 5') | 8/7/2023 | | X | | G | 1 | |

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



Page 1 of 1

| | | |
|-----------------------------|-----|-----------|
| Relinquished by (Signature) | | |
| | 8/9 | 9:00 |
| Received by (Signature) | | |
| | | Date/Time |

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-31825-1
SDG Number: Eddy County, New Mexico

Login Number: 31825

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

- 1
- 2
- 3
- 4
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- 7
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- 9
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- 12
- 13
- 14



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

October 02, 2023

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

RE: DEEP ELM AST SPILL (PIPELINE ROAD)

Enclosed are the results of analyses for samples received by the laboratory on 09/27/23 10:59.

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.

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".

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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 1 (0-1') (H235268-01)

| 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 | 09/28/2023 | ND | 2.10 | 105 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.22 | 111 | 2.00 | 3.92 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.17 | 109 | 2.00 | 3.70 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.17 | 103 | 6.00 | 4.22 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 608 | 16.0 | 09/28/2023 | ND | 400 | 100 | 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 | 09/28/2023 | ND | 175 | 87.5 | 200 | 0.263 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 197 | 98.7 | 200 | 6.20 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 1 (1.5') (H235268-02)

| 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 | 09/28/2023 | ND | 2.10 | 105 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.22 | 111 | 2.00 | 3.92 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.17 | 109 | 2.00 | 3.70 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.17 | 103 | 6.00 | 4.22 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 09/28/2023 | ND | 400 | 100 | 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 | 09/28/2023 | ND | 175 | 87.5 | 200 | 0.263 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 197 | 98.7 | 200 | 6.20 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 1 (2.0') (H235268-03)

| 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 | 09/28/2023 | ND | 2.10 | 105 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.22 | 111 | 2.00 | 3.92 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.17 | 109 | 2.00 | 3.70 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.17 | 103 | 6.00 | 4.22 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 09/28/2023 | ND | 400 | 100 | 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 | 09/28/2023 | ND | 175 | 87.5 | 200 | 0.263 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 197 | 98.7 | 200 | 6.20 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 1 (2.5') (H235268-04)

| 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 | 09/28/2023 | ND | 2.10 | 105 | 2.00 | 2.21 | | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.22 | 111 | 2.00 | 3.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.17 | 109 | 2.00 | 3.70 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.17 | 103 | 6.00 | 4.22 | | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 160 | 16.0 | 09/28/2023 | ND | 400 | 100 | 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 | 09/28/2023 | ND | 175 | 87.5 | 200 | 0.263 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 197 | 98.7 | 200 | 6.20 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 1 (3.0') (H235268-05)

| 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 | 09/28/2023 | ND | 2.10 | 105 | 2.00 | 2.21 | | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.22 | 111 | 2.00 | 3.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.17 | 109 | 2.00 | 3.70 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.17 | 103 | 6.00 | 4.22 | | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 256 | 16.0 | 09/28/2023 | ND | 400 | 100 | 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 | 09/28/2023 | ND | 175 | 87.5 | 200 | 0.263 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 197 | 98.7 | 200 | 6.20 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 74.7 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 2 (0-1') (H235268-06)

| 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 | 09/28/2023 | ND | 2.10 | 105 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.22 | 111 | 2.00 | 3.92 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.17 | 109 | 2.00 | 3.70 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.17 | 103 | 6.00 | 4.22 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 560 | 16.0 | 09/28/2023 | ND | 400 | 100 | 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 | 09/28/2023 | ND | 175 | 87.5 | 200 | 0.263 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 197 | 98.7 | 200 | 6.20 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 79.2 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 2 (1.5') (H235268-07)

| 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 | 09/28/2023 | ND | 2.10 | 105 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.22 | 111 | 2.00 | 3.92 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.17 | 109 | 2.00 | 3.70 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.17 | 103 | 6.00 | 4.22 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 3280 | 16.0 | 09/28/2023 | ND | 400 | 100 | 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 | 09/28/2023 | ND | 175 | 87.5 | 200 | 0.263 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 197 | 98.7 | 200 | 6.20 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 2 (2.0') (H235268-08)

| 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 | 09/28/2023 | ND | 2.10 | 105 | 2.00 | 2.21 | | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.22 | 111 | 2.00 | 3.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.17 | 109 | 2.00 | 3.70 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.17 | 103 | 6.00 | 4.22 | | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 112 | 16.0 | 09/28/2023 | ND | 400 | 100 | 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 | 09/28/2023 | ND | 175 | 87.5 | 200 | 0.263 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 197 | 98.7 | 200 | 6.20 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 68.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 2 (3.0') (H235268-09)

| 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 | 09/28/2023 | ND | 2.10 | 105 | 2.00 | 2.21 | | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.22 | 111 | 2.00 | 3.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.17 | 109 | 2.00 | 3.70 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.17 | 103 | 6.00 | 4.22 | | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 176 | 16.0 | 09/28/2023 | ND | 400 | 100 | 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 | 09/28/2023 | ND | 175 | 87.5 | 200 | 0.263 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 197 | 98.7 | 200 | 6.20 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 68.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 2 (4.0') (H235268-10)

| 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 | 09/28/2023 | ND | 2.10 | 105 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.22 | 111 | 2.00 | 3.92 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.17 | 109 | 2.00 | 3.70 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.17 | 103 | 6.00 | 4.22 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 208 | 16.0 | 09/28/2023 | ND | 400 | 100 | 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 | 09/28/2023 | ND | 175 | 87.5 | 200 | 0.263 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 197 | 98.7 | 200 | 6.20 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 3 (0-1') (H235268-11)

| 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 | 09/28/2023 | ND | 2.10 | 105 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.22 | 111 | 2.00 | 3.92 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.17 | 109 | 2.00 | 3.70 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.17 | 103 | 6.00 | 4.22 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 28000 | 16.0 | 09/28/2023 | ND | 400 | 100 | 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 | 09/28/2023 | ND | 175 | 87.5 | 200 | 0.263 | |
| DRO >C10-C28* | 146 | 10.0 | 09/28/2023 | ND | 197 | 98.7 | 200 | 6.20 | |
| EXT DRO >C28-C36 | 34.6 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.1 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 3 (1.5') (H235268-12)

| 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 | 09/28/2023 | ND | 2.10 | 105 | 2.00 | 2.21 | | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.22 | 111 | 2.00 | 3.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.17 | 109 | 2.00 | 3.70 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.17 | 103 | 6.00 | 4.22 | | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 3440 | 16.0 | 09/28/2023 | ND | 400 | 100 | 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 | 09/28/2023 | ND | 175 | 87.5 | 200 | 0.263 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 197 | 98.7 | 200 | 6.20 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 84.1 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 3 (2.0') (H235268-13)

| 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 | 09/28/2023 | ND | 2.10 | 105 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.22 | 111 | 2.00 | 3.92 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.17 | 109 | 2.00 | 3.70 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.17 | 103 | 6.00 | 4.22 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 864 | 16.0 | 09/28/2023 | ND | 400 | 100 | 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 | 09/28/2023 | ND | 175 | 87.5 | 200 | 0.263 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 197 | 98.7 | 200 | 6.20 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 3 (2.5') (H235268-14)

| 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 | 09/28/2023 | ND | 2.10 | 105 | 2.00 | 2.21 | | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.22 | 111 | 2.00 | 3.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.17 | 109 | 2.00 | 3.70 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.17 | 103 | 6.00 | 4.22 | | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 144 | 16.0 | 09/28/2023 | ND | 400 | 100 | 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 | 09/28/2023 | ND | 175 | 87.5 | 200 | 0.263 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 197 | 98.7 | 200 | 6.20 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 4 (0-1') (H235268-15)

| 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 | 09/28/2023 | ND | 2.10 | 105 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.22 | 111 | 2.00 | 3.92 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.17 | 109 | 2.00 | 3.70 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.17 | 103 | 6.00 | 4.22 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 15800 | 16.0 | 09/28/2023 | ND | 400 | 100 | 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 | 09/28/2023 | ND | 175 | 87.5 | 200 | 0.263 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 197 | 98.7 | 200 | 6.20 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 4 (1.5') (H235268-16)

| 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 | 09/28/2023 | ND | 2.10 | 105 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.22 | 111 | 2.00 | 3.92 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.17 | 109 | 2.00 | 3.70 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.17 | 103 | 6.00 | 4.22 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 3840 | 16.0 | 09/28/2023 | ND | 400 | 100 | 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 | 09/28/2023 | ND | 175 | 87.5 | 200 | 0.263 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 197 | 98.7 | 200 | 6.20 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 4 (2.0') (H235268-17)

| 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 | 09/28/2023 | ND | 2.10 | 105 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.22 | 111 | 2.00 | 3.92 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.17 | 109 | 2.00 | 3.70 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.17 | 103 | 6.00 | 4.22 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 384 | 16.0 | 09/29/2023 | 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 | 09/28/2023 | ND | 175 | 87.5 | 200 | 0.263 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 197 | 98.7 | 200 | 6.20 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.9 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 4 (2.5') (H235268-18)

| 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 | 09/28/2023 | ND | 2.10 | 105 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.22 | 111 | 2.00 | 3.92 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.17 | 109 | 2.00 | 3.70 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.17 | 103 | 6.00 | 4.22 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 80.0 | 16.0 | 09/29/2023 | 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 | 09/28/2023 | ND | 175 | 87.5 | 200 | 0.263 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 197 | 98.7 | 200 | 6.20 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 75.2 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 5 (0-1') (H235268-19)

| 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 | 09/28/2023 | ND | 2.10 | 105 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.22 | 111 | 2.00 | 3.92 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.17 | 109 | 2.00 | 3.70 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.17 | 103 | 6.00 | 4.22 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 2040 | 16.0 | 09/29/2023 | 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 | 09/28/2023 | ND | 185 | 92.3 | 200 | 0.0108 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 189 | 94.5 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 5 (1.5') (H235268-20)

| 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 | 09/28/2023 | ND | 2.10 | 105 | 2.00 | 2.21 | | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.22 | 111 | 2.00 | 3.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.17 | 109 | 2.00 | 3.70 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.17 | 103 | 6.00 | 4.22 | | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 4560 | 16.0 | 09/29/2023 | 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 | 09/28/2023 | ND | 185 | 92.3 | 200 | 0.0108 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 189 | 94.5 | 200 | 3.15 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 5 (2.0') (H235268-21)

| 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 | 09/28/2023 | ND | 2.02 | 101 | 2.00 | 3.87 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.08 | 104 | 2.00 | 4.03 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.05 | 102 | 2.00 | 4.50 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.16 | 103 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 5120 | 16.0 | 09/29/2023 | 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 | 09/28/2023 | ND | 185 | 92.3 | 200 | 0.0108 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 189 | 94.5 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 5 (3.0') (H235268-22)

| 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 | 09/28/2023 | ND | 2.02 | 101 | 2.00 | 3.87 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.08 | 104 | 2.00 | 4.03 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.05 | 102 | 2.00 | 4.50 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.16 | 103 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 272 | 16.0 | 09/29/2023 | 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 | 09/28/2023 | ND | 185 | 92.3 | 200 | 0.0108 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 189 | 94.5 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.0 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 5 (4.0') (H235268-23)

| 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 | 09/28/2023 | ND | 2.02 | 101 | 2.00 | 3.87 | | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.08 | 104 | 2.00 | 4.03 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.05 | 102 | 2.00 | 4.50 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.16 | 103 | 6.00 | 4.72 | | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 80.0 | 16.0 | 09/29/2023 | 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 | 09/28/2023 | ND | 185 | 92.3 | 200 | 0.0108 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 189 | 94.5 | 200 | 3.15 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 6 (0-1') (H235268-24)

| 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 | 09/28/2023 | ND | 2.02 | 101 | 2.00 | 3.87 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.08 | 104 | 2.00 | 4.03 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.05 | 102 | 2.00 | 4.50 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.16 | 103 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 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 | 5440 | 16.0 | 09/29/2023 | 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 | 09/28/2023 | ND | 185 | 92.3 | 200 | 0.0108 | |
| DRO >C10-C28* | 93.4 | 10.0 | 09/28/2023 | ND | 189 | 94.5 | 200 | 3.15 | |
| EXT DRO >C28-C36 | 33.5 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 6 (1.5') (H235268-25)

| 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 | 09/28/2023 | ND | 2.02 | 101 | 2.00 | 3.87 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.08 | 104 | 2.00 | 4.03 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.05 | 102 | 2.00 | 4.50 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.16 | 103 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 4720 | 16.0 | 09/29/2023 | 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 | 09/28/2023 | ND | 185 | 92.3 | 200 | 0.0108 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 189 | 94.5 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.7 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 6 (2.0') (H235268-26)

| 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 | 09/28/2023 | ND | 2.02 | 101 | 2.00 | 3.87 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.08 | 104 | 2.00 | 4.03 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.05 | 102 | 2.00 | 4.50 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.16 | 103 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 1570 | 16.0 | 09/29/2023 | 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 | 09/28/2023 | ND | 185 | 92.3 | 200 | 0.0108 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 189 | 94.5 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 6 (3.0') (H235268-27)

| 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 | 09/28/2023 | ND | 2.02 | 101 | 2.00 | 3.87 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.08 | 104 | 2.00 | 4.03 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.05 | 102 | 2.00 | 4.50 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.16 | 103 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 09/29/2023 | 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 | 09/28/2023 | ND | 185 | 92.3 | 200 | 0.0108 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 189 | 94.5 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.7 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 6 (4.0') (H235268-28)

| 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 | 09/28/2023 | ND | 2.02 | 101 | 2.00 | 3.87 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.08 | 104 | 2.00 | 4.03 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.05 | 102 | 2.00 | 4.50 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.16 | 103 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 48.0 | 16.0 | 09/29/2023 | 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 | 09/28/2023 | ND | 185 | 92.3 | 200 | 0.0108 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 189 | 94.5 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 73.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 7 (0-1') (H235268-29)

| 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 | 09/28/2023 | ND | 2.02 | 101 | 2.00 | 3.87 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.08 | 104 | 2.00 | 4.03 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.05 | 102 | 2.00 | 4.50 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.16 | 103 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 4000 | 16.0 | 09/29/2023 | 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 | 09/28/2023 | ND | 185 | 92.3 | 200 | 0.0108 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 189 | 94.5 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 79.6 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 7 (1.5') (H235268-30)

| 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 | 09/28/2023 | ND | 2.02 | 101 | 2.00 | 3.87 | | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.08 | 104 | 2.00 | 4.03 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.05 | 102 | 2.00 | 4.50 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.16 | 103 | 6.00 | 4.72 | | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 1170 | 16.0 | 09/29/2023 | 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 | 09/28/2023 | ND | 185 | 92.3 | 200 | 0.0108 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 189 | 94.5 | 200 | 3.15 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 71.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 7 (2.0') (H235268-31)

| 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 | 09/28/2023 | ND | 2.02 | 101 | 2.00 | 3.87 | | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.08 | 104 | 2.00 | 4.03 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.05 | 102 | 2.00 | 4.50 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.16 | 103 | 6.00 | 4.72 | | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 464 | 16.0 | 09/29/2023 | 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 | 09/28/2023 | ND | 185 | 92.3 | 200 | 0.0108 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 189 | 94.5 | 200 | 3.15 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 70.0 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 7 (3.0') (H235268-32)

| 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 | 09/28/2023 | ND | 2.02 | 101 | 2.00 | 3.87 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.08 | 104 | 2.00 | 4.03 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.05 | 102 | 2.00 | 4.50 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.16 | 103 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 176 | 16.0 | 09/29/2023 | 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 | 09/28/2023 | ND | 185 | 92.3 | 200 | 0.0108 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 189 | 94.5 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 73.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 7 (4.0') (H235268-33)

| 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 | 09/28/2023 | ND | 2.02 | 101 | 2.00 | 3.87 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.08 | 104 | 2.00 | 4.03 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.05 | 102 | 2.00 | 4.50 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.16 | 103 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 368 | 16.0 | 09/29/2023 | 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 | 09/28/2023 | ND | 185 | 92.3 | 200 | 0.0108 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 189 | 94.5 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 71.0 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 8 (0-1') (H235268-34)

| 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 | 09/28/2023 | ND | 2.02 | 101 | 2.00 | 3.87 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.08 | 104 | 2.00 | 4.03 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.05 | 102 | 2.00 | 4.50 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.16 | 103 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 2840 | 16.0 | 09/29/2023 | 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 | 09/28/2023 | ND | 185 | 92.3 | 200 | 0.0108 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 189 | 94.5 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.7 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 8 (1.5') (H235268-35)

| 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 | 09/28/2023 | ND | 2.02 | 101 | 2.00 | 3.87 | | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.08 | 104 | 2.00 | 4.03 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.05 | 102 | 2.00 | 4.50 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.16 | 103 | 6.00 | 4.72 | | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 2200 | 16.0 | 09/29/2023 | 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 | 09/28/2023 | ND | 185 | 92.3 | 200 | 0.0108 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 189 | 94.5 | 200 | 3.15 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 8 (2.0') (H235268-36)

| 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 | 09/28/2023 | ND | 2.02 | 101 | 2.00 | 3.87 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.08 | 104 | 2.00 | 4.03 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.05 | 102 | 2.00 | 4.50 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.16 | 103 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 4400 | 16.0 | 09/29/2023 | 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 | 09/28/2023 | ND | 185 | 92.3 | 200 | 0.0108 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 189 | 94.5 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 100 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 8 (3.0') (H235268-37)

| 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 | 09/28/2023 | ND | 2.02 | 101 | 2.00 | 3.87 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.08 | 104 | 2.00 | 4.03 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.05 | 102 | 2.00 | 4.50 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.16 | 103 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 448 | 16.0 | 09/28/2023 | ND | 432 | 108 | 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 | 09/28/2023 | ND | 185 | 92.3 | 200 | 0.0108 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 189 | 94.5 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.6 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 8 (4.0') (H235268-38)

| 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 | 09/28/2023 | ND | 2.02 | 101 | 2.00 | 3.87 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.08 | 104 | 2.00 | 4.03 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.05 | 102 | 2.00 | 4.50 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.16 | 103 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 704 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 185 | 92.3 | 200 | 0.0108 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 189 | 94.5 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.2 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 8 (5.0') (H235268-39)

| 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 | 09/28/2023 | ND | 2.02 | 101 | 2.00 | 3.87 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.08 | 104 | 2.00 | 4.03 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.05 | 102 | 2.00 | 4.50 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.16 | 103 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 192 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 186 | 93.0 | 200 | 0.278 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 187 | 93.6 | 200 | 2.18 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 8 (5.5') (H235268-40)

| 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 | 09/28/2023 | ND | 2.02 | 101 | 2.00 | 3.87 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.08 | 104 | 2.00 | 4.03 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.05 | 102 | 2.00 | 4.50 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.16 | 103 | 6.00 | 4.72 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 224 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 186 | 93.0 | 200 | 0.278 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 187 | 93.6 | 200 | 2.18 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 9 (0-1') (H235268-41)

| 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 | 09/28/2023 | ND | 1.98 | 98.9 | 2.00 | 0.183 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.06 | 103 | 2.00 | 0.580 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.19 | 109 | 2.00 | 0.496 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.51 | 109 | 6.00 | 0.863 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 7860 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 186 | 93.0 | 200 | 0.278 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 187 | 93.6 | 200 | 2.18 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 9 (1.5') (H235268-42)

| 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 | 09/28/2023 | ND | 1.98 | 98.9 | 2.00 | 0.183 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.06 | 103 | 2.00 | 0.580 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.19 | 109 | 2.00 | 0.496 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.51 | 109 | 6.00 | 0.863 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 1880 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 186 | 93.0 | 200 | 0.278 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 187 | 93.6 | 200 | 2.18 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 9 (2.0') (H235268-43)

| 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 | 09/28/2023 | ND | 1.98 | 98.9 | 2.00 | 0.183 | | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.06 | 103 | 2.00 | 0.580 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.19 | 109 | 2.00 | 0.496 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.51 | 109 | 6.00 | 0.863 | | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 4080 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 186 | 93.0 | 200 | 0.278 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 187 | 93.6 | 200 | 2.18 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 9 (3.0') (H235268-44)

| 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 | 09/28/2023 | ND | 1.98 | 98.9 | 2.00 | 0.183 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.06 | 103 | 2.00 | 0.580 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.19 | 109 | 2.00 | 0.496 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.51 | 109 | 6.00 | 0.863 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 640 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 186 | 93.0 | 200 | 0.278 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 187 | 93.6 | 200 | 2.18 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 9 (4.0') (H235268-45)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 09/28/2023 | ND | 1.98 | 98.9 | 2.00 | 0.183 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.06 | 103 | 2.00 | 0.580 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.19 | 109 | 2.00 | 0.496 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.51 | 109 | 6.00 | 0.863 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 09/28/2023 | 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 | 09/28/2023 | ND | 186 | 93.0 | 200 | 0.278 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 187 | 93.6 | 200 | 2.18 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.4 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 10 (0-1') (H235268-46)

| 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 | 09/28/2023 | ND | 1.98 | 98.9 | 2.00 | 0.183 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.06 | 103 | 2.00 | 0.580 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.19 | 109 | 2.00 | 0.496 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.51 | 109 | 6.00 | 0.863 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 20800 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 186 | 93.0 | 200 | 0.278 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 187 | 93.6 | 200 | 2.18 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 10 (1.5') (H235268-47)

| 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 | 09/28/2023 | ND | 1.98 | 98.9 | 2.00 | 0.183 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.06 | 103 | 2.00 | 0.580 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.19 | 109 | 2.00 | 0.496 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.51 | 109 | 6.00 | 0.863 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 288 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 186 | 93.0 | 200 | 0.278 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 187 | 93.6 | 200 | 2.18 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 10 (2.0') (H235268-48)

| 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 | 09/28/2023 | ND | 1.98 | 98.9 | 2.00 | 0.183 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.06 | 103 | 2.00 | 0.580 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.19 | 109 | 2.00 | 0.496 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.51 | 109 | 6.00 | 0.863 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 128 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 186 | 93.0 | 200 | 0.278 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 187 | 93.6 | 200 | 2.18 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 77.1 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 10 (3.0') (H235268-49)

| 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 | 09/28/2023 | ND | 1.98 | 98.9 | 2.00 | 0.183 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.06 | 103 | 2.00 | 0.580 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.19 | 109 | 2.00 | 0.496 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.51 | 109 | 6.00 | 0.863 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 64.0 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 186 | 93.0 | 200 | 0.278 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 187 | 93.6 | 200 | 2.18 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 72.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 10 (4.0') (H235268-50)

| 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 | 09/28/2023 | ND | 1.98 | 98.9 | 2.00 | 0.183 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.06 | 103 | 2.00 | 0.580 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.19 | 109 | 2.00 | 0.496 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.51 | 109 | 6.00 | 0.863 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 80.0 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 186 | 93.0 | 200 | 0.278 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 187 | 93.6 | 200 | 2.18 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 71.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 11 (0-1') (H235268-51)

| 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 | 09/28/2023 | ND | 1.98 | 98.9 | 2.00 | 0.183 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.06 | 103 | 2.00 | 0.580 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.19 | 109 | 2.00 | 0.496 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.51 | 109 | 6.00 | 0.863 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 2480 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 186 | 93.0 | 200 | 0.278 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 187 | 93.6 | 200 | 2.18 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.3 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 11 (1.5') (H235268-52)

| 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 | 09/28/2023 | ND | 1.98 | 98.9 | 2.00 | 0.183 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.06 | 103 | 2.00 | 0.580 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.19 | 109 | 2.00 | 0.496 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.51 | 109 | 6.00 | 0.863 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 3800 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 186 | 93.0 | 200 | 0.278 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 187 | 93.6 | 200 | 2.18 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.3 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
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 MIDLAND TX, 79701
 Fax To:

| | | | |
|-------------------|------------------------------------|---------------------|------------------|
| Received: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 11 (2.0') (H235268-53)

| 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 | 09/28/2023 | ND | 1.98 | 98.9 | 2.00 | 0.183 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.06 | 103 | 2.00 | 0.580 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.19 | 109 | 2.00 | 0.496 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.51 | 109 | 6.00 | 0.863 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 3440 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 186 | 93.0 | 200 | 0.278 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 187 | 93.6 | 200 | 2.18 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 74.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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

| | | | |
|-------------------|------------------------------------|---------------------|------------------|
| Received: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 11 (2.5') (H235268-54)

| 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 | 09/28/2023 | ND | 1.98 | 98.9 | 2.00 | 0.183 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.06 | 103 | 2.00 | 0.580 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.19 | 109 | 2.00 | 0.496 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.51 | 109 | 6.00 | 0.863 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 224 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 186 | 93.0 | 200 | 0.278 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 187 | 93.6 | 200 | 2.18 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 11 (3.0') (H235268-55)

| 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 | 09/28/2023 | ND | 1.98 | 98.9 | 2.00 | 0.183 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.06 | 103 | 2.00 | 0.580 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.19 | 109 | 2.00 | 0.496 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.51 | 109 | 6.00 | 0.863 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 16.0 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 186 | 93.0 | 200 | 0.278 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 187 | 93.6 | 200 | 2.18 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 75.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 12 (0-1') (H235268-56)

| 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 | 09/28/2023 | ND | 1.98 | 98.9 | 2.00 | 0.183 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.06 | 103 | 2.00 | 0.580 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.19 | 109 | 2.00 | 0.496 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.51 | 109 | 6.00 | 0.863 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 12000 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 186 | 93.0 | 200 | 0.278 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 187 | 93.6 | 200 | 2.18 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
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 MIDLAND TX, 79701
 Fax To:

| | | | |
|-------------------|------------------------------------|---------------------|------------------|
| Received: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 12 (1.5') (H235268-57)

| 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 | 09/28/2023 | ND | 1.98 | 98.9 | 2.00 | 0.183 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.06 | 103 | 2.00 | 0.580 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.19 | 109 | 2.00 | 0.496 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.51 | 109 | 6.00 | 0.863 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 6130 | 16.0 | 09/29/2023 | 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 | 09/28/2023 | ND | 186 | 93.0 | 200 | 0.278 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 187 | 93.6 | 200 | 2.18 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 12 (2.0') (H235268-58)

| 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 | 09/28/2023 | ND | 1.98 | 98.9 | 2.00 | 0.183 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.06 | 103 | 2.00 | 0.580 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.19 | 109 | 2.00 | 0.496 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.51 | 109 | 6.00 | 0.863 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 1070 | 16.0 | 09/29/2023 | 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 | 09/28/2023 | ND | 186 | 93.0 | 200 | 0.278 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 187 | 93.6 | 200 | 2.18 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 12 (3.0') (H235268-59)

| 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 | 09/28/2023 | ND | 1.98 | 98.9 | 2.00 | 0.183 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.06 | 103 | 2.00 | 0.580 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.19 | 109 | 2.00 | 0.496 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.51 | 109 | 6.00 | 0.863 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 32.0 | 16.0 | 09/29/2023 | 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 | 09/28/2023 | ND | 185 | 92.3 | 200 | 1.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 208 | 104 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.5 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 12 (4.0') (H235268-60)

| 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 | 09/28/2023 | ND | 1.98 | 98.9 | 2.00 | 0.183 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.06 | 103 | 2.00 | 0.580 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.19 | 109 | 2.00 | 0.496 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 6.51 | 109 | 6.00 | 0.863 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 32.0 | 16.0 | 09/29/2023 | 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 | 09/29/2023 | ND | 185 | 92.3 | 200 | 1.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/29/2023 | ND | 208 | 104 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/29/2023 | 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 13 (0-1') (H235268-61)

| 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 | 09/29/2023 | ND | 1.93 | 96.3 | 2.00 | 3.82 | | |
| Toluene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.03 | 102 | 2.00 | 2.14 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.14 | 107 | 2.00 | 2.29 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/29/2023 | ND | 6.35 | 106 | 6.00 | 3.62 | | |
| Total BTEX | <0.300 | 0.300 | 09/29/2023 | 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 | 2360 | 16.0 | 09/29/2023 | 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 | 09/29/2023 | ND | 185 | 92.3 | 200 | 1.54 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/29/2023 | ND | 208 | 104 | 200 | 2.04 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/29/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 101 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 13 (1.5') (H235268-62)

| 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 | 09/29/2023 | ND | 1.93 | 96.3 | 2.00 | 3.82 | |
| Toluene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.03 | 102 | 2.00 | 2.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.14 | 107 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 09/29/2023 | ND | 6.35 | 106 | 6.00 | 3.62 | |
| Total BTEX | <0.300 | 0.300 | 09/29/2023 | 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 | 4960 | 16.0 | 09/29/2023 | 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 | 09/29/2023 | ND | 185 | 92.3 | 200 | 1.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/29/2023 | ND | 208 | 104 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/29/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.9 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 13 (2.0') (H235268-63)

| 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 | 09/29/2023 | ND | 1.93 | 96.3 | 2.00 | 3.82 | |
| Toluene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.03 | 102 | 2.00 | 2.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.14 | 107 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 09/29/2023 | ND | 6.35 | 106 | 6.00 | 3.62 | |
| Total BTEX | <0.300 | 0.300 | 09/29/2023 | 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 | 4560 | 16.0 | 09/29/2023 | 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 | 09/29/2023 | ND | 185 | 92.3 | 200 | 1.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/29/2023 | ND | 208 | 104 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/29/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 13 (3.0') (H235268-64)

| 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 | 09/29/2023 | ND | 1.93 | 96.3 | 2.00 | 3.82 | |
| Toluene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.03 | 102 | 2.00 | 2.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.14 | 107 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 09/29/2023 | ND | 6.35 | 106 | 6.00 | 3.62 | |
| Total BTEX | <0.300 | 0.300 | 09/29/2023 | 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 | 3920 | 16.0 | 09/29/2023 | 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 | 09/29/2023 | ND | 185 | 92.3 | 200 | 1.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/29/2023 | ND | 208 | 104 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/29/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 13 (4.0') (H235268-65)

| 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 | 09/29/2023 | ND | 1.93 | 96.3 | 2.00 | 3.82 | | |
| Toluene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.03 | 102 | 2.00 | 2.14 | | |
| Ethylbenzene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.14 | 107 | 2.00 | 2.29 | | |
| Total Xylenes* | <0.150 | 0.150 | 09/29/2023 | ND | 6.35 | 106 | 6.00 | 3.62 | | |
| Total BTEX | <0.300 | 0.300 | 09/29/2023 | 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 | 3920 | 16.0 | 09/29/2023 | 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 | 09/29/2023 | ND | 185 | 92.3 | 200 | 1.54 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/29/2023 | ND | 208 | 104 | 200 | 2.04 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/29/2023 | ND | | | | | | |

Surrogate: 1-Chlorooctane 95.0 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 13 (5.0') (H235268-66)

| 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 | 09/29/2023 | ND | 1.93 | 96.3 | 2.00 | 3.82 | |
| Toluene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.03 | 102 | 2.00 | 2.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.14 | 107 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 09/29/2023 | ND | 6.35 | 106 | 6.00 | 3.62 | |
| Total BTEX | <0.300 | 0.300 | 09/29/2023 | 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 | 64.0 | 16.0 | 09/29/2023 | 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 | 09/29/2023 | ND | 185 | 92.3 | 200 | 1.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/29/2023 | ND | 208 | 104 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/29/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 92.4 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 13 (6.0') (H235268-67)

| 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 | 09/29/2023 | ND | 1.93 | 96.3 | 2.00 | 3.82 | |
| Toluene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.03 | 102 | 2.00 | 2.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.14 | 107 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 09/29/2023 | ND | 6.35 | 106 | 6.00 | 3.62 | |
| Total BTEX | <0.300 | 0.300 | 09/29/2023 | 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 | 48.0 | 16.0 | 09/29/2023 | 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 | 09/29/2023 | ND | 185 | 92.3 | 200 | 1.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/29/2023 | ND | 208 | 104 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/29/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.8 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 14 (0-1') (H235268-68)

| 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 | 09/29/2023 | ND | 1.93 | 96.3 | 2.00 | 3.82 | |
| Toluene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.03 | 102 | 2.00 | 2.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.14 | 107 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 09/29/2023 | ND | 6.35 | 106 | 6.00 | 3.62 | |
| Total BTEX | <0.300 | 0.300 | 09/29/2023 | 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 | 6960 | 16.0 | 09/29/2023 | 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 | 09/29/2023 | ND | 185 | 92.3 | 200 | 1.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/29/2023 | ND | 208 | 104 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/29/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.2 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 14 (1.5') (H235268-69)

| 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 | 09/29/2023 | ND | 1.93 | 96.3 | 2.00 | 3.82 | |
| Toluene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.03 | 102 | 2.00 | 2.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.14 | 107 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 09/29/2023 | ND | 6.35 | 106 | 6.00 | 3.62 | |
| Total BTEX | <0.300 | 0.300 | 09/29/2023 | 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 | 5840 | 16.0 | 09/29/2023 | 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 | 09/29/2023 | ND | 185 | 92.3 | 200 | 1.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/29/2023 | ND | 208 | 104 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/29/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.7 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 14 (2.0') (H235268-70)

| 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 | 09/29/2023 | ND | 1.93 | 96.3 | 2.00 | 3.82 | |
| Toluene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.03 | 102 | 2.00 | 2.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.14 | 107 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 09/29/2023 | ND | 6.35 | 106 | 6.00 | 3.62 | |
| Total BTEX | <0.300 | 0.300 | 09/29/2023 | 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 | 640 | 16.0 | 09/29/2023 | 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 | 09/29/2023 | ND | 185 | 92.3 | 200 | 1.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/29/2023 | ND | 208 | 104 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/29/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.5 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 14 (3.0') (H235268-71)

| 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 | 09/29/2023 | ND | 1.93 | 96.3 | 2.00 | 3.82 | |
| Toluene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.03 | 102 | 2.00 | 2.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.14 | 107 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 09/29/2023 | ND | 6.35 | 106 | 6.00 | 3.62 | |
| Total BTEX | <0.300 | 0.300 | 09/29/2023 | 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 | 09/29/2023 | 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 | 09/29/2023 | ND | 185 | 92.3 | 200 | 1.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/29/2023 | ND | 208 | 104 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/29/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 14 (4.0') (H235268-72)

| 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 | 09/29/2023 | ND | 1.93 | 96.3 | 2.00 | 3.82 | |
| Toluene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.03 | 102 | 2.00 | 2.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.14 | 107 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 09/29/2023 | ND | 6.35 | 106 | 6.00 | 3.62 | |
| Total BTEX | <0.300 | 0.300 | 09/29/2023 | 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 | 09/29/2023 | 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 | 09/29/2023 | ND | 185 | 92.3 | 200 | 1.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/29/2023 | ND | 208 | 104 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/29/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.3 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 15 (0-1') (H235268-73)

| 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 | 09/29/2023 | ND | 1.93 | 96.3 | 2.00 | 3.82 | |
| Toluene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.03 | 102 | 2.00 | 2.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.14 | 107 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 09/29/2023 | ND | 6.35 | 106 | 6.00 | 3.62 | |
| Total BTEX | <0.300 | 0.300 | 09/29/2023 | 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 | 80.0 | 16.0 | 09/29/2023 | 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 | 09/29/2023 | ND | 185 | 92.3 | 200 | 1.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/29/2023 | ND | 208 | 104 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/29/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.0 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 15 (1.5') (H235268-74)

| 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 | 09/29/2023 | ND | 1.93 | 96.3 | 2.00 | 3.82 | |
| Toluene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.03 | 102 | 2.00 | 2.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.14 | 107 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 09/29/2023 | ND | 6.35 | 106 | 6.00 | 3.62 | |
| Total BTEX | <0.300 | 0.300 | 09/29/2023 | 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 | 64.0 | 16.0 | 09/29/2023 | 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 | 09/29/2023 | ND | 185 | 92.3 | 200 | 1.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/29/2023 | ND | 208 | 104 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/29/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.1 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 15 (2.0') (H235268-75)

| 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 | 09/29/2023 | ND | 1.93 | 96.3 | 2.00 | 3.82 | |
| Toluene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.03 | 102 | 2.00 | 2.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.14 | 107 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 09/29/2023 | ND | 6.35 | 106 | 6.00 | 3.62 | |
| Total BTEX | <0.300 | 0.300 | 09/29/2023 | 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 | 09/29/2023 | 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 | 09/29/2023 | ND | 185 | 92.3 | 200 | 1.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/29/2023 | ND | 208 | 104 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/29/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.9 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 15 (3.0') (H235268-76)

| 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 | 09/29/2023 | ND | 1.93 | 96.3 | 2.00 | 3.82 | |
| Toluene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.03 | 102 | 2.00 | 2.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.14 | 107 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 09/29/2023 | ND | 6.35 | 106 | 6.00 | 3.62 | |
| Total BTEX | <0.300 | 0.300 | 09/29/2023 | 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 | 1200 | 16.0 | 09/29/2023 | 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 | 09/29/2023 | ND | 185 | 92.3 | 200 | 1.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/29/2023 | ND | 208 | 104 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/29/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.3 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 15 (4.0') (H235268-77)

| 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 | 09/29/2023 | ND | 1.93 | 96.3 | 2.00 | 3.82 | |
| Toluene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.03 | 102 | 2.00 | 2.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.14 | 107 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 09/29/2023 | ND | 6.35 | 106 | 6.00 | 3.62 | |
| Total BTEX | <0.300 | 0.300 | 09/29/2023 | 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 | 2000 | 16.0 | 09/28/2023 | 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 | 09/29/2023 | ND | 185 | 92.3 | 200 | 1.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/29/2023 | ND | 208 | 104 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/29/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 114 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 15 (5.0') (H235268-78)

| 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 | 09/29/2023 | ND | 1.93 | 96.3 | 2.00 | 3.82 | |
| Toluene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.03 | 102 | 2.00 | 2.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.14 | 107 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 09/29/2023 | ND | 6.35 | 106 | 6.00 | 3.62 | |
| Total BTEX | <0.300 | 0.300 | 09/29/2023 | 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 | 09/28/2023 | 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 | 09/29/2023 | ND | 185 | 92.3 | 200 | 1.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/29/2023 | ND | 208 | 104 | 200 | 2.04 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/29/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 15 (6.0') (H235268-79)

| 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 | 09/29/2023 | ND | 1.93 | 96.3 | 2.00 | 3.82 | |
| Toluene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.03 | 102 | 2.00 | 2.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.14 | 107 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 09/29/2023 | ND | 6.35 | 106 | 6.00 | 3.62 | |
| Total BTEX | <0.300 | 0.300 | 09/29/2023 | 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 | 704 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 192 | 96.2 | 200 | 3.85 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 193 | 96.7 | 200 | 0.419 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 16 (0-1') (H235268-80)

| 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 | 09/29/2023 | ND | 1.93 | 96.3 | 2.00 | 3.82 | |
| Toluene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.03 | 102 | 2.00 | 2.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/29/2023 | ND | 2.14 | 107 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 09/29/2023 | ND | 6.35 | 106 | 6.00 | 3.62 | |
| Total BTEX | <0.300 | 0.300 | 09/29/2023 | 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 | 5330 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 192 | 96.2 | 200 | 3.85 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 193 | 96.7 | 200 | 0.419 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.6 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 16 (1.5') (H235268-81)

| 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 | 09/28/2023 | ND | 1.95 | 97.7 | 2.00 | 0.455 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 1.94 | 97.1 | 2.00 | 0.182 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.01 | 101 | 2.00 | 0.439 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 5.97 | 99.5 | 6.00 | 1.18 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 4930 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 192 | 96.2 | 200 | 3.85 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 193 | 96.7 | 200 | 0.419 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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 MIDLAND TX, 79701
 Fax To:

| | | | |
|-------------------|------------------------------------|---------------------|------------------|
| Received: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 16 (2.0') (H235268-82)

| 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 | 09/28/2023 | ND | 1.95 | 97.7 | 2.00 | 0.455 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 1.94 | 97.1 | 2.00 | 0.182 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.01 | 101 | 2.00 | 0.439 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 5.97 | 99.5 | 6.00 | 1.18 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 5060 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 192 | 96.2 | 200 | 3.85 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 193 | 96.7 | 200 | 0.419 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

| | | | |
|-------------------|------------------------------------|---------------------|------------------|
| Received: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 16 (3.0') (H235268-83)

| 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 | 09/28/2023 | ND | 1.95 | 97.7 | 2.00 | 0.455 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 1.94 | 97.1 | 2.00 | 0.182 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.01 | 101 | 2.00 | 0.439 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 5.97 | 99.5 | 6.00 | 1.18 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 4000 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 192 | 96.2 | 200 | 3.85 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 193 | 96.7 | 200 | 0.419 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

| | | | |
|-------------------|------------------------------------|---------------------|------------------|
| Received: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 16 (4.0') (H235268-84)

| 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 | 09/28/2023 | ND | 1.95 | 97.7 | 2.00 | 0.455 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 1.94 | 97.1 | 2.00 | 0.182 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.01 | 101 | 2.00 | 0.439 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 5.97 | 99.5 | 6.00 | 1.18 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 128 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 192 | 96.2 | 200 | 3.85 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 193 | 96.7 | 200 | 0.419 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
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 MIDLAND TX, 79701
 Fax To:

| | | | |
|-------------------|------------------------------------|---------------------|------------------|
| Received: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 17 (0-1') (H235268-85)

| 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 | 09/28/2023 | ND | 1.95 | 97.7 | 2.00 | 0.455 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 1.94 | 97.1 | 2.00 | 0.182 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.01 | 101 | 2.00 | 0.439 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 5.97 | 99.5 | 6.00 | 1.18 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 624 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 192 | 96.2 | 200 | 3.85 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 193 | 96.7 | 200 | 0.419 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
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 MIDLAND TX, 79701
 Fax To:

| | | | |
|-------------------|------------------------------------|---------------------|------------------|
| Received: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 17 (1.5') (H235268-86)

| 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 | 09/28/2023 | ND | 1.95 | 97.7 | 2.00 | 0.455 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 1.94 | 97.1 | 2.00 | 0.182 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.01 | 101 | 2.00 | 0.439 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 5.97 | 99.5 | 6.00 | 1.18 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 2280 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 192 | 96.2 | 200 | 3.85 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 193 | 96.7 | 200 | 0.419 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 17 (2.0') (H235268-87)

| 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 | 09/28/2023 | ND | 1.95 | 97.7 | 2.00 | 0.455 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 1.94 | 97.1 | 2.00 | 0.182 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.01 | 101 | 2.00 | 0.439 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 5.97 | 99.5 | 6.00 | 1.18 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 5680 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 192 | 96.2 | 200 | 3.85 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 193 | 96.7 | 200 | 0.419 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.6 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 17 (3.0') (H235268-88)

| 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 | 09/28/2023 | ND | 1.95 | 97.7 | 2.00 | 0.455 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 1.94 | 97.1 | 2.00 | 0.182 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.01 | 101 | 2.00 | 0.439 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 5.97 | 99.5 | 6.00 | 1.18 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 5600 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 192 | 96.2 | 200 | 3.85 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 193 | 96.7 | 200 | 0.419 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.0 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 17 (4.0') (H235268-89)

| 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 | 09/28/2023 | ND | 1.95 | 97.7 | 2.00 | 0.455 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 1.94 | 97.1 | 2.00 | 0.182 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.01 | 101 | 2.00 | 0.439 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 5.97 | 99.5 | 6.00 | 1.18 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 1380 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 192 | 96.2 | 200 | 3.85 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 193 | 96.7 | 200 | 0.419 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 17 (5.0') (H235268-90)

| 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 | 09/28/2023 | ND | 1.95 | 97.7 | 2.00 | 0.455 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 1.94 | 97.1 | 2.00 | 0.182 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.01 | 101 | 2.00 | 0.439 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 5.97 | 99.5 | 6.00 | 1.18 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 80.0 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 192 | 96.2 | 200 | 3.85 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 193 | 96.7 | 200 | 0.419 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.2 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 18 (0-1') (H235268-91)

| 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 | 09/28/2023 | ND | 1.95 | 97.7 | 2.00 | 0.455 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 1.94 | 97.1 | 2.00 | 0.182 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.01 | 101 | 2.00 | 0.439 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 5.97 | 99.5 | 6.00 | 1.18 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 6400 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 192 | 96.2 | 200 | 3.85 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 193 | 96.7 | 200 | 0.419 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.9 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 18 (1.5') (H235268-92)

| 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 | 09/28/2023 | ND | 1.95 | 97.7 | 2.00 | 0.455 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 1.94 | 97.1 | 2.00 | 0.182 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.01 | 101 | 2.00 | 0.439 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 5.97 | 99.5 | 6.00 | 1.18 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 4800 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 192 | 96.2 | 200 | 3.85 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 193 | 96.7 | 200 | 0.419 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 18 (2.0') (H235268-93)

| 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 | 09/28/2023 | ND | 1.95 | 97.7 | 2.00 | 0.455 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 1.94 | 97.1 | 2.00 | 0.182 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.01 | 101 | 2.00 | 0.439 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 5.97 | 99.5 | 6.00 | 1.18 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 5330 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 192 | 96.2 | 200 | 3.85 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 193 | 96.7 | 200 | 0.419 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 18 (3.0') (H235268-94)

| 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 | 09/28/2023 | ND | 1.95 | 97.7 | 2.00 | 0.455 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 1.94 | 97.1 | 2.00 | 0.182 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.01 | 101 | 2.00 | 0.439 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 5.97 | 99.5 | 6.00 | 1.18 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 64.0 | 16.0 | 09/28/2023 | 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 | 09/28/2023 | ND | 192 | 96.2 | 200 | 3.85 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 193 | 96.7 | 200 | 0.419 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.8 % 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: | 09/27/2023 | Sampling Date: | 09/26/2023 |
| Reported: | 10/02/2023 | Sampling Type: | Soil |
| Project Name: | DEEP ELM AST SPILL (PIPELINE ROAD) | Sampling Condition: | Cool & Intact |
| Project Number: | 2109 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG - EDDY COUNTY, NEW MEXICO | | |

Sample ID: T - 18 (4.0') (H235268-95)

| 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 | 09/28/2023 | ND | 1.95 | 97.7 | 2.00 | 0.455 | |
| Toluene* | <0.050 | 0.050 | 09/28/2023 | ND | 1.94 | 97.1 | 2.00 | 0.182 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/28/2023 | ND | 2.01 | 101 | 2.00 | 0.439 | |
| Total Xylenes* | <0.150 | 0.150 | 09/28/2023 | ND | 5.97 | 99.5 | 6.00 | 1.18 | |
| Total BTEX | <0.300 | 0.300 | 09/28/2023 | 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 | 09/28/2023 | 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 | 09/28/2023 | ND | 192 | 96.2 | 200 | 3.85 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/28/2023 | ND | 193 | 96.7 | 200 | 0.419 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 19352108

Page 1 of 10

| | | | |
|------------------|-----------------------|-------------------------|-----------------------------|
| Project Manager: | Conner Moehring | Bill to: (if different) | Todd Wells |
| 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: | Todd Wells@eogresources.com |

| | |
|---------------------|--|
| Work Order Comments | |
| Program: USTR/ST | <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> IRC <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 <input type="checkbox"/> |
| Deliverables: EDD | <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: |

| | | | | | |
|-----------------------|------------------------------------|------------------------|---|------------|--|
| Project Name: | Deep Elm AST Spill (Pipeline Road) | Turn Around | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | Pres. Code | |
| Project Number: | 2109 | Due Date: | 72 Hours | | |
| Project Location: | Eddy County, New Mexico | | | | |
| Sampler's Name: | MM | | | | |
| P.O. #: | | | | | |
| SAMPLE RECEIPT | Temp Blank: | Yes (No) | Wet Ice: | Yes (No) | |
| Received In tact: | Yes (No) | Thermometer ID: | | 140 | |
| Cooler Custody Seals: | Yes (No) | Correction Factor: | | | |
| Sample Custody Seals: | Yes (No) | Temperature Reading: | | 2.4 | |
| Total Containers: | | Corrected Temperature: | | | |

| Sample Identification | Date | Time | Soil | Water | Grab/Comp | # of Cont | Parameters | | | Sample Comments |
|-----------------------|-----------|------|------|-------|-----------|-----------|------------|------------------------------|---------------|-----------------|
| | | | | | | | BTEX 8021B | TPH 8015M (GRO + DRO + MRO) | Chloride 4500 | |
| T-1 (0-1') | 9/26/2023 | | X | | G | 1 | X | X | X | |
| T-1 (1.5') | 9/26/2023 | | X | | G | 1 | X | X | X | |
| T-1 (2.0') | 9/26/2023 | | X | | G | 1 | X | X | X | |
| T-1 (2.5') | 9/26/2023 | | X | | G | 1 | X | X | X | |
| T-1 (3.0') | 9/26/2023 | | X | | G | 1 | X | X | X | |
| T-2 (0-1') | 9/26/2023 | | X | | G | 1 | X | X | X | |
| T-2 (1.5') | 9/26/2023 | | X | | G | 1 | X | X | X | |
| T-2 (2.0') | 9/26/2023 | | X | | G | 1 | X | X | X | |
| T-2 (3.0') | 9/26/2023 | | X | | G | 1 | X | X | X | |
| T-2 (4.0') | 9/26/2023 | | X | | G | 1 | X | X | X | |

Comments: Email to Mike Carmona / Mccarmona@carmonarresources.com and Conner Moehring / Cmoehring@carmonarresources.com

| | | | |
|------------------------------|---------------|--------------------------|-----------|
| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
| <i>[Signature]</i> | 9-27-23 10:51 | <i>[Signature]</i> | |

Chain of Custody

Work Order No: HA352108

Page 2 of 10

| | | | |
|------------------|-----------------------|-------------------------|-----------------------------|
| Project Manager: | Conner Moehring | Bill to: (if different) | Todd Wells |
| 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: | Todd Wells@eogresources.com |

| | |
|---------------------|---|
| Work Order Comments | |
| Program: UST/PST | <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> IRC <input type="checkbox"/> Refund |
| 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 |
| Deliverables: EDD | <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: |

| | | | | | |
|-----------------------|------------------------------------|------------------------|---|------------|--|
| Project Name: | Deep Elm AST Spill (Pipeline Road) | Turn Around | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | Pres. Code | |
| Project Number: | 2109 | Due Date: | 72 Hours | | |
| Project Location: | Eddy County, New Mexico | | | | |
| Sampler's Name: | MM | | | | |
| PO #: | | | | | |
| SAMPLE RECEIPT | Temp Blank: | Yes (No) | Wet Ice: | Yes (No) | |
| Received In tact: | Yes (No) | Thermometer ID: | | 740 | |
| Cooler Custody Seals: | Yes (No) | Correction Factor: | | | |
| Sample Custody Seals: | Yes (No) | Temperature Reading: | | 24.4 | |
| Total Containers: | Yes (No) | Corrected Temperature: | | | |

| Sample Identification | Date | Time | Soil | Water | Grab/Comp | # of Cont | Parameters | ANALYSIS REQUEST | Preservative Codes | Sample Comments |
|-----------------------|-----------|------|------|-------|-----------|-----------|------------------------------|------------------|---|-----------------|
| T-3 (0-1') | 9/26/2023 | | X | | G | 1 | BTEX 8021B | | None: NO | |
| T-3 (1.5') | 9/26/2023 | | X | | G | 1 | TPH 8015M (GRO + DRO + MRO) | | DI Water: H ₂ O | |
| T-3 (2.0') | 9/26/2023 | | X | | G | 1 | Chloride 4500 | | Cool: Cool | |
| T-3 (2.5') | 9/26/2023 | | X | | G | 1 | | | HCL: HC | |
| T-4 (0-1') | 9/26/2023 | | X | | G | 1 | | | H ₂ SO ₄ : H ₂ | |
| T-4 (1.5') | 9/26/2023 | | X | | G | 1 | | | H ₃ PO ₄ : HP | |
| T-4 (2.0') | 9/26/2023 | | X | | G | 1 | | | NaHSO ₄ : NABIS | |
| T-4 (2.5') | 9/26/2023 | | X | | G | 1 | | | Na ₂ S ₂ O ₅ : NaSO ₅ | |
| T-5 (0-1') | 9/26/2023 | | X | | G | 1 | | | Zn Acetate+NaOH: Zn | |
| T-5 (1.5') | 9/26/2023 | | X | | G | 1 | | | NaOH+Ascorbic Acid: SAPC | |

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>[Signature]</i> | 9/27/23 1059 | <i>[Signature]</i> | |

Chain of Custody

Work Order No: 19352108

Page 4 of 10

| | | | |
|------------------|-----------------------|-------------------------|-----------------------------|
| Project Manager: | Conner Moehring | Bill to: (if different) | Todd Wells |
| 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: | Todd Wells@eogresources.com |

| | | | | | |
|-------------------|----------|------------------------------|--------------------------------------|-----------------------------|------------------------------------|
| Program: | UST/PT | <input type="checkbox"/> PRP | <input type="checkbox"/> Brownfields | <input type="checkbox"/> RC | <input type="checkbox"/> Spentfund |
| State of Project: | | | | | |
| Reporting Level: | Level II | <input type="checkbox"/> | Level III | <input type="checkbox"/> | ST/UST |
| Deliverables: | EDD | <input type="checkbox"/> | ADAPT | <input type="checkbox"/> | Other: |

| | | | | | | |
|-----------------------|------------------------------------|-------------|----------------------------------|--|------------|----|
| Project Name: | Deep Elm AST Spill (Pipeline Road) | Turn Around | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush | Pres. Code | |
| Project Number: | 2109 | Due Date: | 72 Hours | | | |
| Project Location: | Eddy County, New Mexico | | | | | |
| Sampler's Name: | MM | | | | | |
| PO #: | | | | | | |
| SAMPLE RECEIPT | Temp Blank: | Yes | No | Well Ice: | Yes | No |
| Received Intact: | Yes | No | Thermometer ID: | 140 | | |
| Cooler Custody Seals: | Yes | No | Correction Factor: | | | |
| Sample Custody Seals: | Yes | No | Temperature Reading: | 2.41 | | |
| Total Containers: | Yes | No | Corrected Temperature: | | | |

| Sample Identification | Date | Time | Soil | Water | Grab/Comp | # of Cont | Parameters | ANALYSIS REQUEST | Preservative Codes | Sample Comments |
|-----------------------|-----------|------|------|-------|-----------|-----------|------------------------------|------------------|---|-----------------|
| T-7 (2.0) | 9/26/2023 | | X | | G | 1 | BTEX 8021B | | None: NO | |
| T-7 (3.0) | 9/26/2023 | | X | | G | 1 | TPH 8015M (GRO + DRO + MRO) | | Cool: Cool | |
| T-7 (4.0) | 9/26/2023 | | X | | G | 1 | Chloride 4500 | | HCL: HC | |
| T-8 (0-1) | 9/26/2023 | | X | | G | 1 | | | H ₂ SO ₄ : H ₂ | |
| T-8 (1.5) | 9/26/2023 | | X | | G | 1 | | | H ₃ PO ₄ : HP | |
| T-8 (2.0) | 9/26/2023 | | X | | G | 1 | | | NaHSO ₄ : NABIS | |
| T-8 (3.0) | 9/26/2023 | | X | | G | 1 | | | Na ₂ S ₂ O ₃ : NaSO ₃ | |
| T-8 (4.0) | 9/26/2023 | | X | | G | 1 | | | Zn Acetate+NaOH: Zn | |
| T-8 (5.0) | 9/26/2023 | | X | | G | 1 | | | NaOH+Ascorbic Acid: SAPC | |
| T-8 (5.5) | 9/26/2023 | | X | | 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 |
| <i>[Signature]</i> | 9/27/23 1059 | <i>[Signature]</i> | |

Chain of Custody

Work Order No: 12352108

Page 5 of 10

| | | | |
|------------------|-----------------------|-------------------------|-----------------------------|
| Project Manager: | Conner Moehring | Bill to: (if different) | Todd Wells |
| 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: | Todd Wells@eogresources.com |

| | |
|---------------------|---|
| 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"/> |
| State of Project: | |
| Reporting Level: | 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: <input type="checkbox"/> |

| | | | | | |
|-----------------------|--|--|---|--|--|
| Project Name: | Deep Elm AST Spill (Pipeline Road) | Turn Around | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | Pres. Code | |
| Project Number: | 2109 | Due Date: | 72 Hours | | |
| Project Location: | Eddy County, New Mexico | | | | |
| Sampler's Name: | MM | | | | |
| PO #: | | | | | |
| SAMPLE RECEIPT | Temp Blank: | Yes (No) <input checked="" type="checkbox"/> | Well Ice: | Yes (No) <input checked="" type="checkbox"/> | |
| Received Intact: | Yes (No) <input checked="" type="checkbox"/> | Thermometer ID: | 140 | | |
| Cooler Custody Seals: | Yes (No) <input checked="" type="checkbox"/> | Correction Factor: | | | |
| Sample Custody Seals: | Yes (No) <input checked="" type="checkbox"/> | Temperature Reading: | 2.4 | | |
| Total Containers: | Yes (No) <input checked="" type="checkbox"/> | Corrected Temperature: | | | |

| Sample Identification | Date | Time | Soil | Water | Grab/Comp | # of Cont | Parameters | ANALYSIS REQUEST | Preservative Codes | Sample Comments |
|-----------------------|-----------|------|------|-------|-----------|-----------|------------------------------|------------------|---|----------------------------|
| T-9 (0-1') | 9/26/2023 | | X | | G | 1 | BTEX 8021B | | None: NO | DI Water: H ₂ O |
| T-9 (1.5') | 9/26/2023 | | X | | G | 1 | TPH 8015M (GRO + DRO + MRO) | | Cool: Cool | MeOH: Me |
| T-9 (2.0') | 9/26/2023 | | X | | G | 1 | Chloride 4500 | | HCL: HC | HNO ₃ : HN |
| T-9 (3.0') | 9/26/2023 | | X | | G | 1 | | | H ₂ SO ₄ : H ₂ | NaOH: Na |
| T-9 (4.0') | 9/26/2023 | | X | | G | 1 | | | H ₃ PO ₄ : HP | |
| T-10 (0-1') | 9/26/2023 | | X | | G | 1 | | | NaHSO ₄ : NABIS | |
| T-10 (1.5') | 9/26/2023 | | X | | G | 1 | | | Na ₂ S ₂ O ₅ : NaSO ₃ | |
| T-10 (2.0') | 9/26/2023 | | X | | G | 1 | | | Zn Acetate+NaOH: Zn | |
| T-10 (3.0') | 9/26/2023 | | X | | G | 1 | | | NaOH+Ascorbic Acid: SAPC | |
| T-10 (4.0') | 9/26/2023 | | X | | 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 |
| <i>[Signature]</i> | 9/27/23 10:51 | <i>[Signature]</i> | |

Chain of Custody

Work Order No: H9359108

Page 6 of 10

| | | | |
|------------------|-----------------------|-------------------------|-----------------------------|
| Project Manager: | Conner Moehring | Bill to: (if different) | Todd Wells |
| 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: | Todd Wells@eogresources.com |

| | |
|---------------------|--|
| Work Order Comments | |
| Program: USTR/ST | <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> TRC <input type="checkbox"/> Superfund |
| State of Project: | |
| Reporting Level: | <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: | Deep Elm AST Spill (Pipeline Road) | Turn Around | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | Pres. Code | |
| Project Number: | 2109 | Due Date: | 72 Hours | | |
| Project Location: | Eddy County, New Mexico | | | | |
| Sampler's Name: | MM | | | | |
| PO #: | | | | | |
| SAMPLE RECEIPT | Temp Blank: | Yes (No) | Wet Ice: | Yes (No) | |
| Received In tact: | Yes (No) | Thermometer ID: | | | |
| Cooler Custody Seals: | Yes (No) N/A | Correction Factor: | | | |
| Sample Custody Seals: | Yes (No) N/A | Temperature Reading: | | | |
| Total Containers: | | Corrected Temperature: | | | |

| Sample Identification | Date | Time | Soil | Water | Grab/Comp | # of Cont. | Parameters | ANALYSIS REQUEST | Preservative Codes | Sample Comments |
|-----------------------|-----------|------|------|-------|-----------|------------|------------------------------|------------------|---|----------------------------|
| T-11 (0-1') | 9/26/2023 | | X | | G | 1 | BTEX 8021B | | None: NO | DI Water: H ₂ O |
| T-11 (1.5') | 9/26/2023 | | X | | G | 1 | TPH 8015M (GRO + DRO + MRO) | | Cool: Cool | MeOH: Me |
| T-11 (2.0') | 9/26/2023 | | X | | G | 1 | Chloride 4500 | | HCL: HC | HNO ₃ : HN |
| T-11 (2.5') | 9/26/2023 | | X | | G | 1 | | | H ₂ SO ₄ : H ₂ | NaOH: Na |
| T-11 (3.0') | 9/26/2023 | | X | | G | 1 | | | H ₃ PO ₄ : HP | |
| T-12 (0-1') | 9/26/2023 | | X | | G | 1 | | | NaHSO ₄ : NABIS | |
| T-12 (1.5') | 9/26/2023 | | X | | G | 1 | | | Na ₂ S ₂ O ₃ : NaSO ₃ | |
| T-12 (2.0') | 9/26/2023 | | X | | G | 1 | | | Zn Acetate+NaOH: Zn | |
| T-12 (3.0') | 9/26/2023 | | X | | G | 1 | | | NaOH+Ascorbic Acid: SAPC | |
| T-12 (4.0') | 9/26/2023 | | X | | 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 |
| <i>[Signature]</i> | 9/27/23-1059 | <i>[Signature]</i> | |

Chain of Custody

Work Order No: 119352108

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| | | | |
|------------------|-----------------------|-------------------------|-----------------------------|
| Project Manager: | Conner Moehring | Bill to: (if different) | Todd Wells |
| 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: | Todd Wells@eogresources.com |

| | |
|---------------------|---|
| Work Order Comments | |
| Program: USTR/PST | <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Superfund |
| State of Project: | |
| Reporting Level: | 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: <input type="checkbox"/> |

| | | | | | |
|-----------------------|------------------------------------|------------------------|---|------------|--|
| Project Name: | Deep Elm AST Spill (Pipeline Road) | Turn Around | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | Pres. Code | |
| Project Number: | 2109 | Due Date: | 72 Hours | | |
| Project Location: | Eddy County, New Mexico | | | | |
| Sampler's Name: | MM | | | | |
| PO #: | | | | | |
| SAMPLE RECEIPT | Temp Blank: | Yes (No) | Well Ice: | Yes (No) | |
| Received Intact: | Yes (No) | Thermometer ID: | | 140 | |
| Cooler Custody Seals: | Yes (No) | Correction Factor: | | | |
| Sample Custody Seals: | Yes (No) | Temperature Reading: | | 2.45 | |
| Total Containers: | Yes (No) | Corrected Temperature: | | | |

| Sample Identification | Date | Time | Soil | Water | Grab/Comp | # of Cont | Parameters | ANALYSIS REQUEST | Preservative Codes | Sample Comments |
|-----------------------|-----------|------|------|-------|-----------|-----------|------------------------------|------------------|---|----------------------------|
| T-13 (0-1') | 9/26/2023 | | X | | G | 1 | BTEX 8021B | | None: NO | DI Water: H ₂ O |
| T-13 (1.5') | 9/26/2023 | | X | | G | 1 | TPH 8015M (GRO + DRO + MRO) | | Cool: Cool | MeOH: Me |
| T-13 (2.0') | 9/26/2023 | | X | | G | 1 | Chloride 4500 | | HCL: HC | HNO ₃ : HN |
| T-13 (3.0') | 9/26/2023 | | X | | G | 1 | | | H ₂ SO ₄ : H ₂ | NaOH: Na |
| T-13 (4.0') | 9/26/2023 | | X | | G | 1 | | | H ₃ PO ₄ : HP | |
| T-13 (5.0') | 9/26/2023 | | X | | G | 1 | | | NaHSO ₄ : NABIS | |
| T-13 (6.0') | 9/26/2023 | | X | | G | 1 | | | Na ₂ S ₂ O ₅ : NaSO ₃ | |
| T-14 (0-1') | 9/26/2023 | | X | | G | 1 | | | Zn Acetate+NaOH: Zn | |
| T-14 (1.5') | 9/26/2023 | | X | | G | 1 | | | NaOH+Ascorbic Acid: SAPC | |
| T-14 (2.0') | 9/26/2023 | | X | | 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 |
| <i>[Signature]</i> | 9/27/23 05:09 | <i>[Signature]</i> | |

Chain of Custody

Work Order No: 18352108

Page 8 of 10

| | | | |
|------------------|-----------------------|-------------------------|-----------------------------|
| Project Manager: | Conner Moehring | Bill to: (if different) | Todd Wells |
| 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: | Todd.Wells@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: 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: <input type="checkbox"/> |

| | | | | | | |
|-----------------------|---|---|----------------------------------|--|------------|--|
| Project Name: | Deep Elm AST Spill (Pipeline Road) | Turn Around | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush | Pres. Code | |
| Project Number: | 2109 | Due Date: | 72 Hours | | | |
| Project Location: | Eddy County, New Mexico | | | | | |
| Sampler's Name: | MM | | | | | |
| PO #: | | | | | | |
| SAMPLE RECEIPT | Temp Blank: <input checked="" type="radio"/> Yes <input type="radio"/> No | Well Ice: <input checked="" type="radio"/> Yes <input type="radio"/> No | | | | |
| Received Intact: | <input checked="" type="radio"/> Yes <input type="radio"/> No | Thermometer ID: | 140 | | | |
| Cooler Custody Seals: | Yes <input type="radio"/> No <input type="radio"/> N/A | Correction Factor: | | | | |
| Sample Custody Seals: | Yes <input type="radio"/> No <input type="radio"/> N/A | Temperature Reading: | 2.4 | | | |
| Total Containers: | | Corrected Temperature: | | | | |

| Sample Identification | Date | Time | Soil | Water | Grab/Comp | # of Cont | Parameters | ANALYSIS REQUEST | Preservative Codes | Sample Comments |
|-----------------------|-----------|------|------|-------|-----------|-----------|------------------------------|------------------|---|----------------------------|
| T-14 (3.0') | 9/26/2023 | | X | | G | 1 | BTEX 8021B | | None: NO | DI Water: H ₂ O |
| T-14 (4.0') | 9/26/2023 | | X | | G | 1 | TPH 8015M (GRO + DRO + MRO) | | Cool: Cool | MeOH: Me |
| T-15 (0-1') | 9/26/2023 | | X | | G | 1 | | | HCL: HC | HNO ₃ : HN |
| T-15 (1.5') | 9/26/2023 | | X | | G | 1 | | | H ₂ SO ₄ : H ₂ | NaOH: Na |
| T-15 (2.0') | 9/26/2023 | | X | | G | 1 | | | H ₃ PO ₄ : HP | |
| T-15 (3.0') | 9/26/2023 | | X | | G | 1 | | | NaHSO ₄ : NABIS | |
| T-15 (4.0') | 9/26/2023 | | X | | G | 1 | | | Na ₂ S ₂ O ₅ : NaSO ₃ | |
| T-15 (5.0') | 9/26/2023 | | X | | G | 1 | | | Zn Acetate+NaOH: Zn | |
| T-15 (6.0') | 9/26/2023 | | X | | G | 1 | | | NaOH+Ascorbic Acid: SAPC | |
| T-16 (0-1') | 9/26/2023 | | X | | 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 |
| <i>[Signature]</i> | 9-27-23 1059 | <i>[Signature]</i> | |

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

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

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

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

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

CONDITIONS

Action 285925

CONDITIONS

| | |
|---|---|
| Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706 | OGRID: 7377 |
| | Action Number: 285925 |
| | Action Type: [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| scwells | Remediation plan approved. The alternative confirmation sampling plan taking confirmation samples no more than 400 square feet is approved. Submit closure report to the OCD by 6/4/2024. | 3/6/2024 |