



SITE INFORMATION

Closure Report
Antero Riser
Lea County, New Mexico
Unit N Sec 14 T25S R33E
32.126006°, -103.545682°
Incident ID: NAPP2405352829

Produced Water Release
Point of Release: 2" Blowdown Valve Failure
Release Date: 01/10/24
Volume Released: 563 barrels of Produced Water
Volume Recovered: 0 barrels of Produced Water

CARMONA RESOURCES



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

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

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July 19, 2024

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

**Re: Closure Report
Antero Riser
EOG Resources Inc.
Incident ID: NAPP2405352829
Site Location: Unit N, S14, T25S, R33E
(Lat 32.126006°, Long -103.545682°)
Lea County, New Mexico**

To whom it may concern:

On behalf of EOG Resources Inc. (EOG), Carmona Resources, LLC has prepared this letter to document site assessment activities for the Antero Riser. This site is located at 32.126006°, -103.545682° within Unit N, S14, T25S, R33E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notice of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on January 10, 2024, due to a 2" blowdown valve failure at the riser. It released approximately five hundred and sixty-three (563) barrels of produced water, with zero (0) barrels recovered. The impacted area occurred in the pasture. See Figure 3. The Notice of Release form is attached in Appendix C.

2.0 Site Characterization and Groundwater

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

On September 21, 2021, Scarborough Drilling, Inc was onsite to drill a groundwater determination bore to 55' bgs within a 0.50-mile radius of the location. The bore was left open for 72 hours and tagged with a water level meter. No water was detected at 55' bgs. The coordinates for the groundwater determination bore are 32.12283°, -103.54208°. See Appendix D for the log.

On March 14, 2024, Carmona Resources, LLC was granted a composite sampling variance of 500 square feet by the NMOCD. Please see Appendix C for details.

3.0 NMAC Regulatory Criteria

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

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

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- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO + DRO).
- Chloride: 10,000 mg/kg

4.0 Site Assessment Activities

Trenching

On January 18, 2024 Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. Sixteen (16) trenches (T-1 through T-16) and thirteen (13) horizontal samples (H-1 through H-13) were advanced to depths ranging from the surface to 11' bgs inside and surrounding the release area to assess the vertical and horizontal extent. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to 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 achieved for all trench locations. Refer to Table 1.

Horizontal Delineation

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

5.0 Remediation Activities

Carmona Resources personnel were on site to guide the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via the NMOCD Portal from the days spanning from June 24, 2024, to June 27, 2024, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of sixty-seven (67) floor confirmation samples were collected (CS-1 through CS-67), and fifty-four (54) sidewall samples (SW-1 through SW-54) were collected every 500 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figures 4A through 4D.

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

6.0 Reclamation Activities

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. The material utilized for backfill was sourced from the Corleone Pit, located at GPS 32.172099, -103.564436. The pit sample was analyzed for TPH analysis by EPA method 8015 modified,



BTEX by EPA method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

On July 15, 2024, the backfilled areas in the pasture were seeded via hand broadcasting with the appropriate pounds of pure live seed per acre. The topsoil was raked onto the seed to aid the vegetation process. The seed mixture used was the BLM Seed Mixture #1. See Appendix F for the soil survey and map and Figure 5 for the reclamation area.

Approximately 3,694 cubic yards of material were excavated and transported offsite for proper disposal.

7.0 Conclusions

Based on the assessment results and the final analytical data, no further actions are required at the site. EOG formally requests the closure of these incidents. If you have any questions about this report or need additional information, don't hesitate to get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

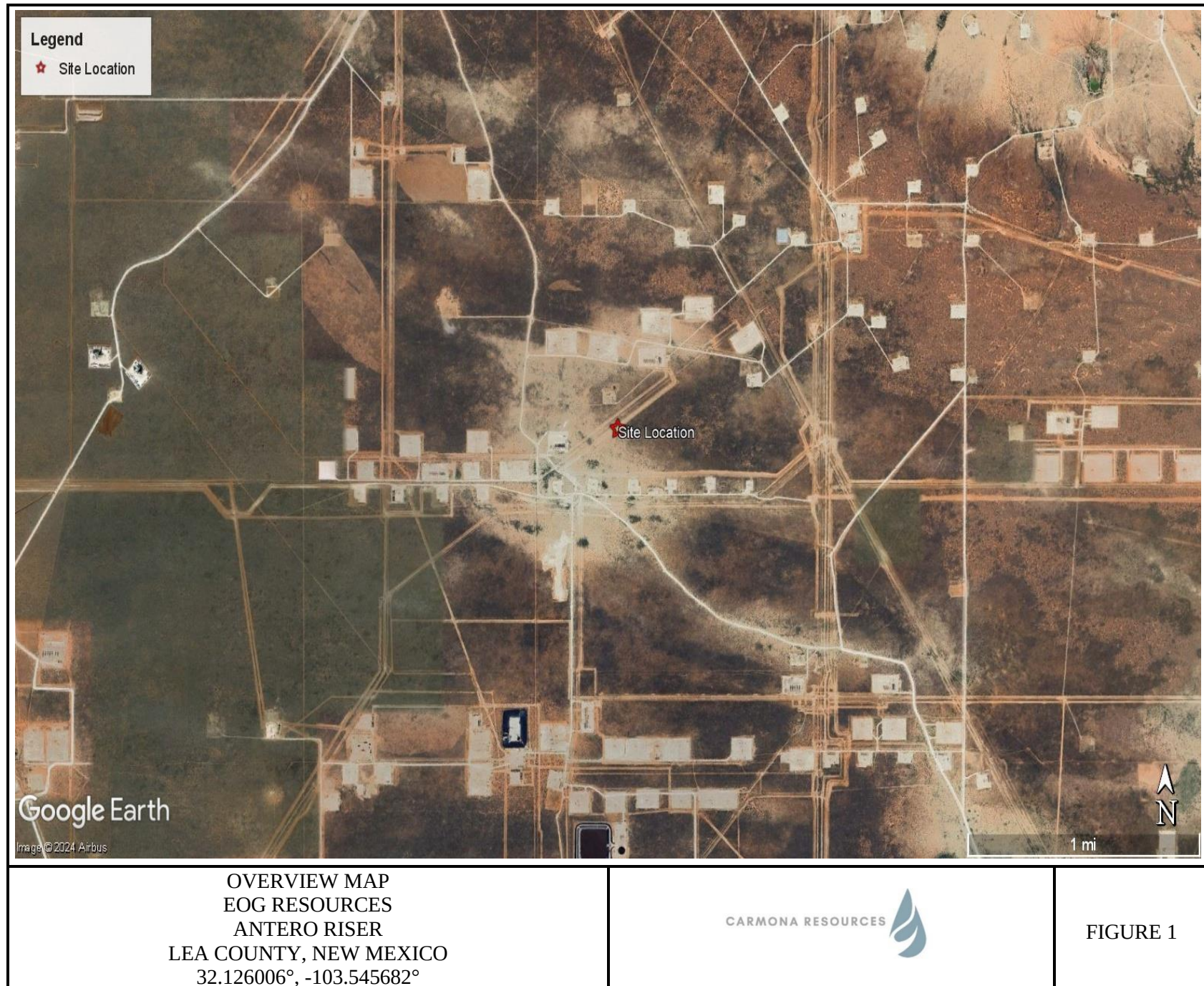
Mike Carmona
Environmental Manager

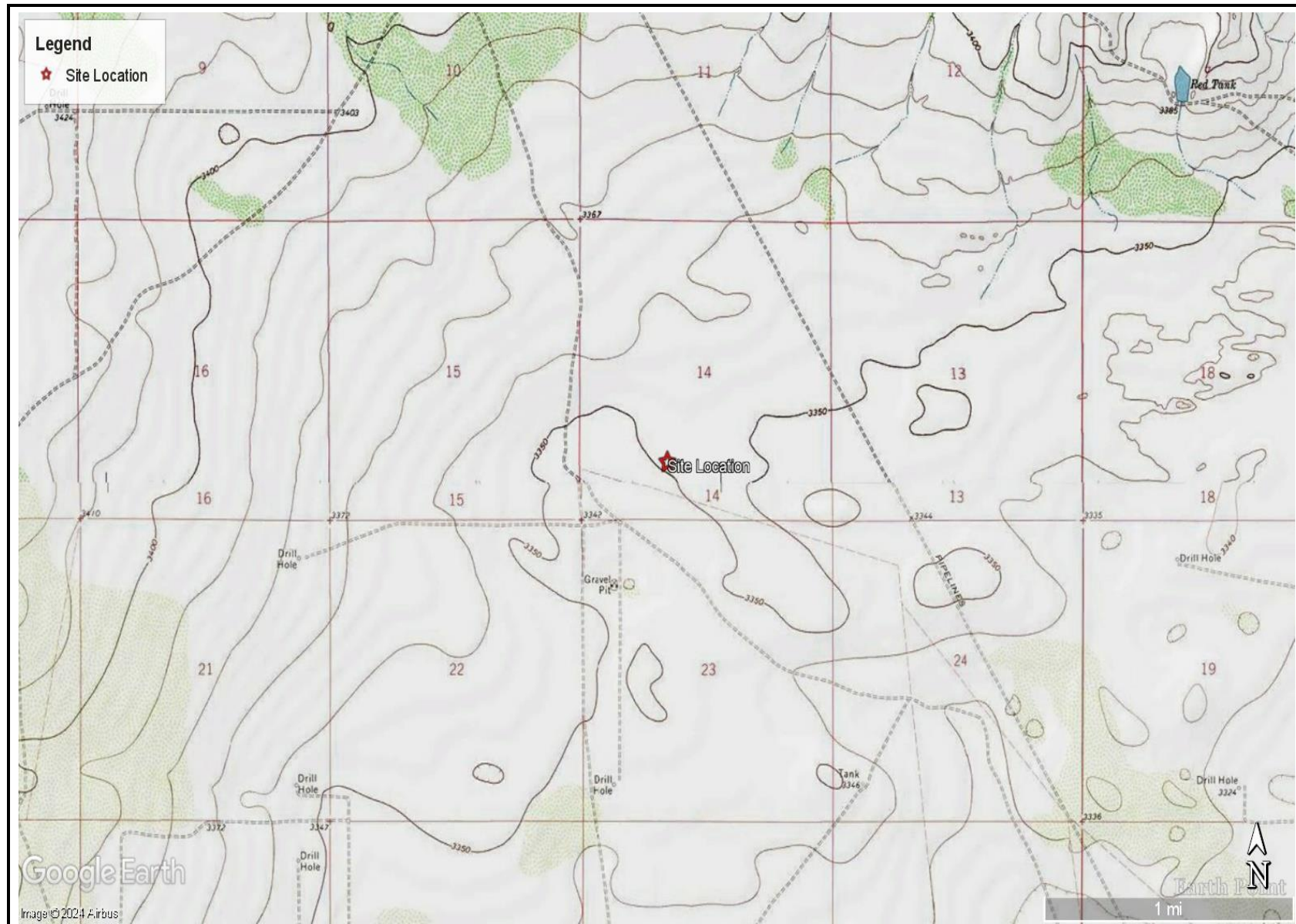
Devin Dominguez
Sr. Project Manager

FIGURES

CARMONA RESOURCES



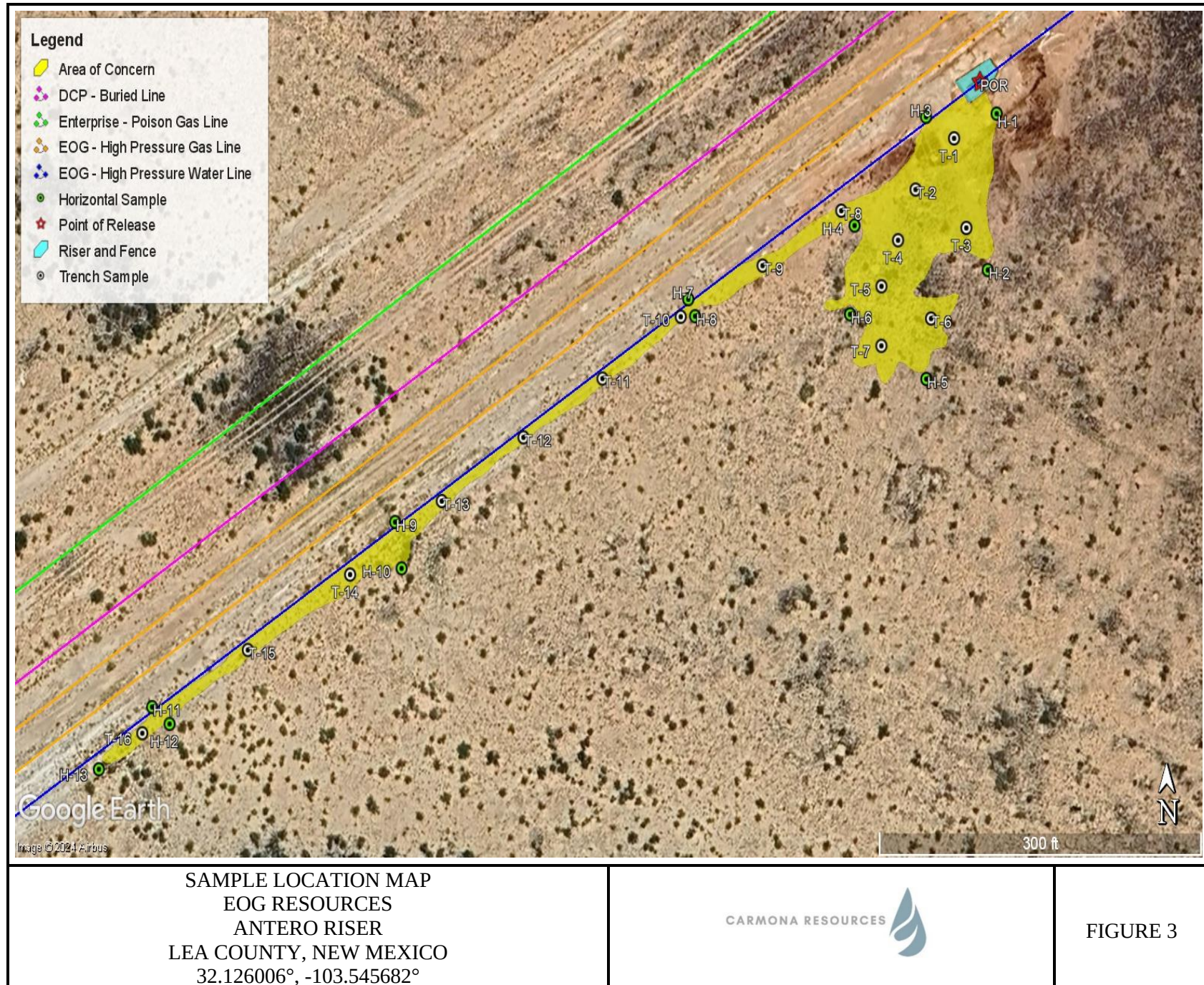


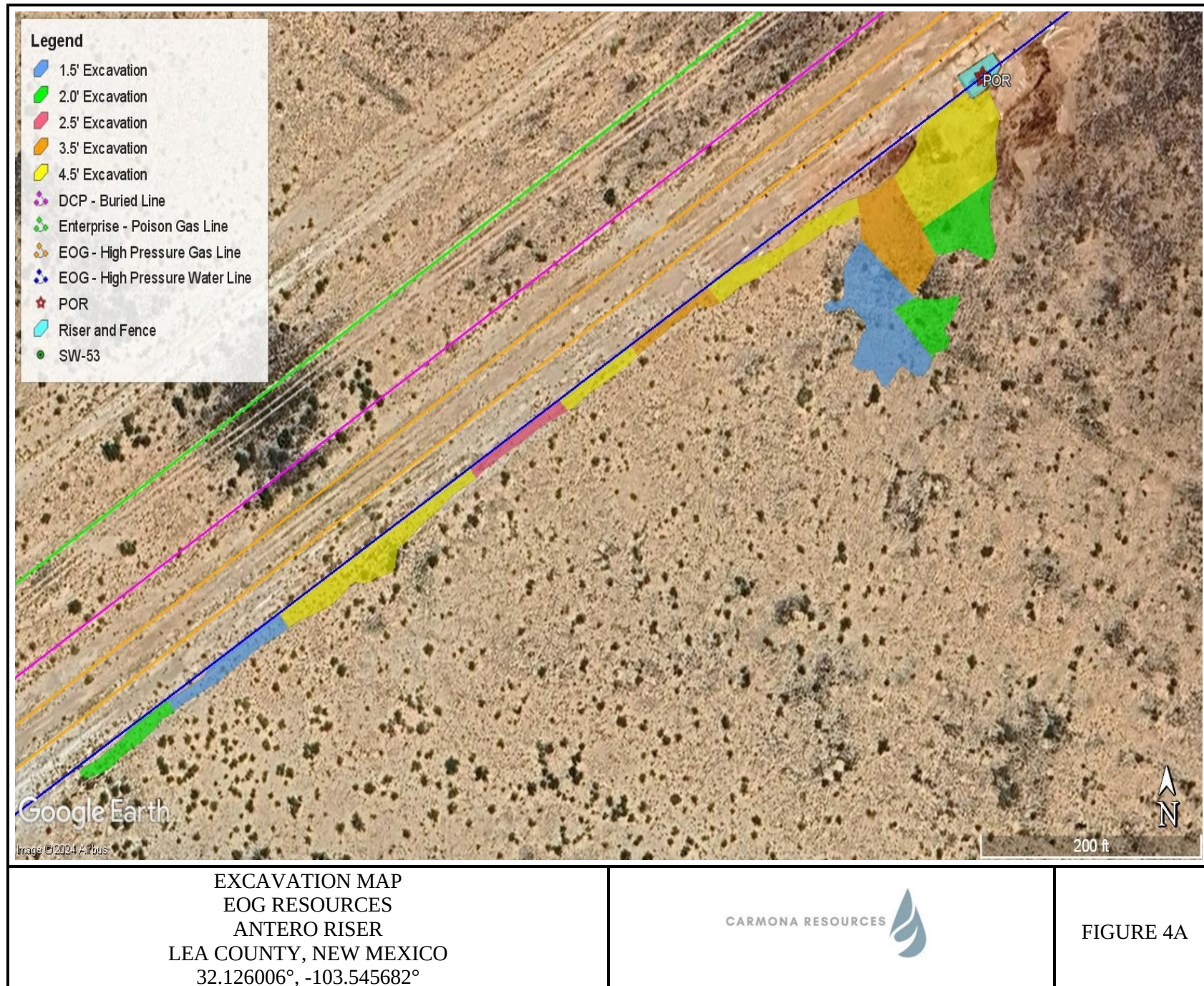


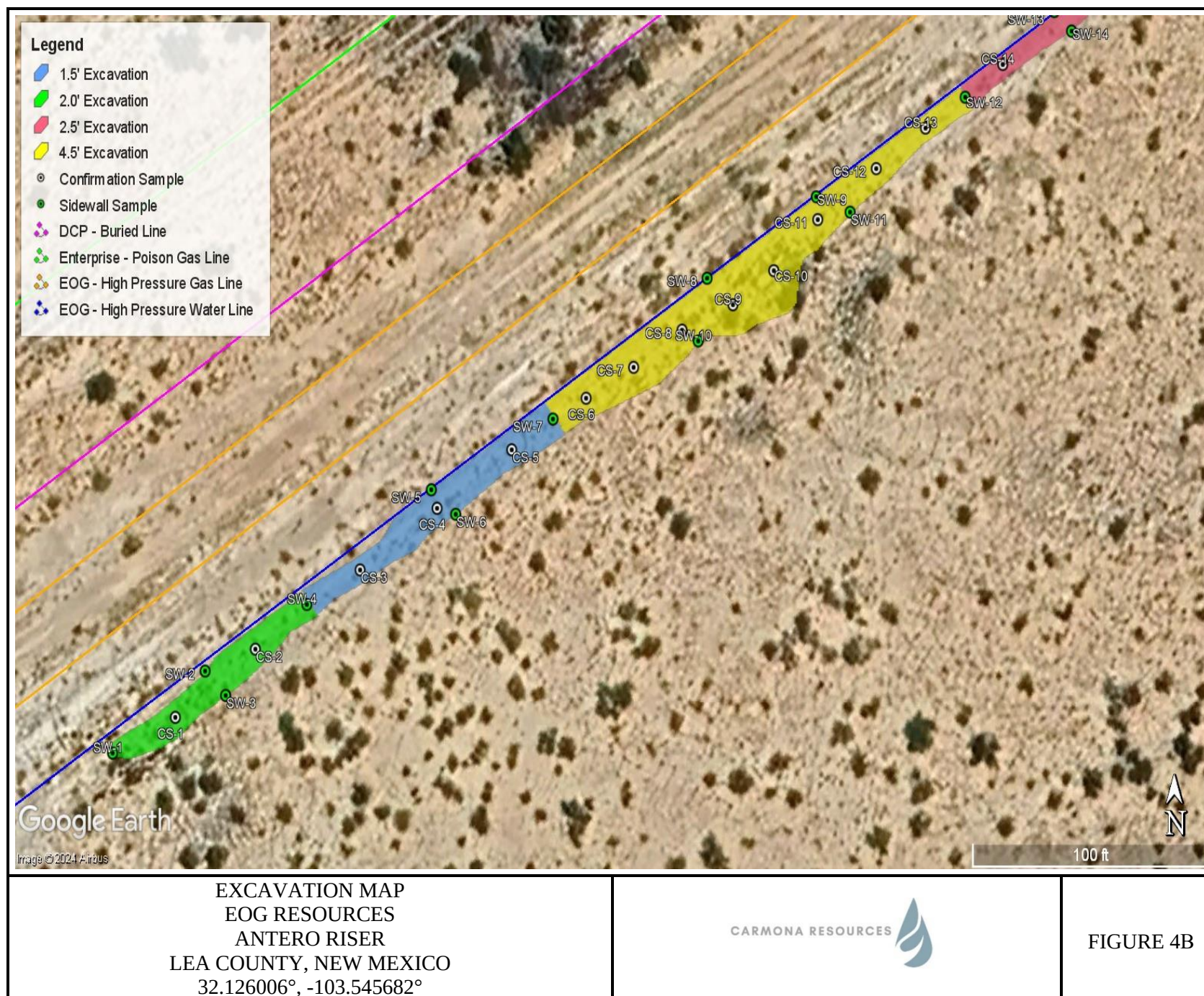
TOPOGRAPHIC MAP
EOG RESOURCES
ANTERO RISER
LEA COUNTY, NEW MEXICO
32.126006°, -103.545682°

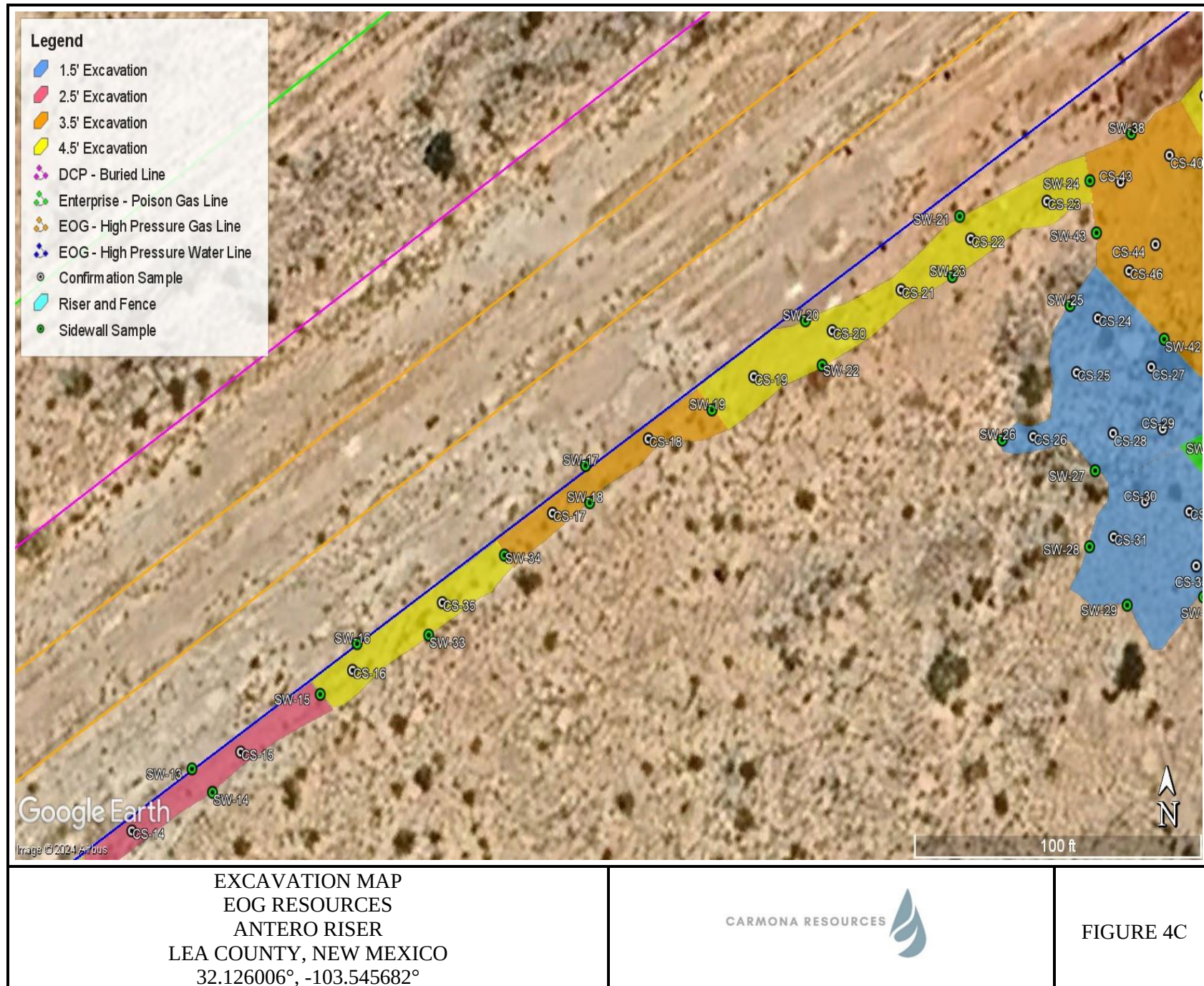


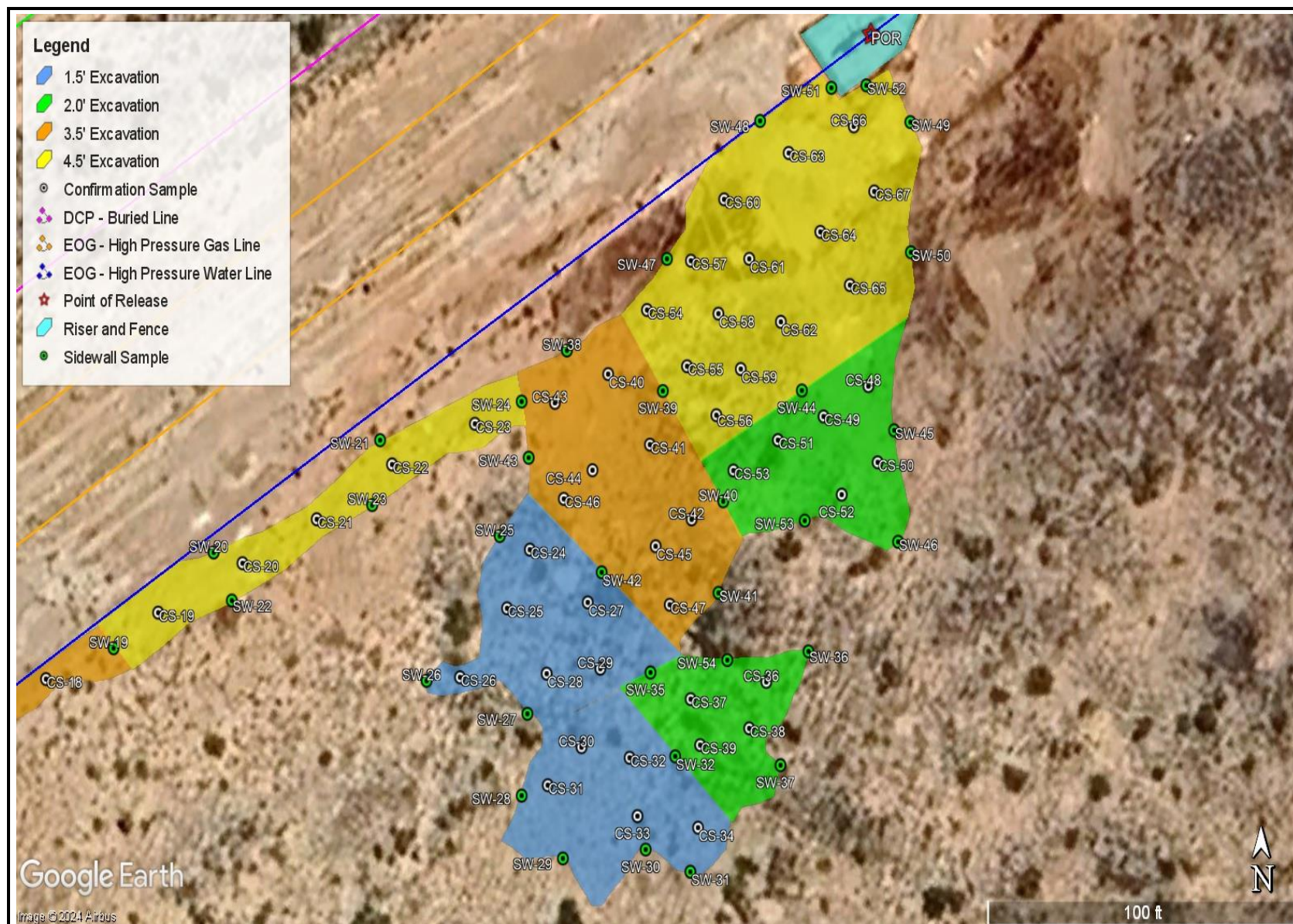
FIGURE 2







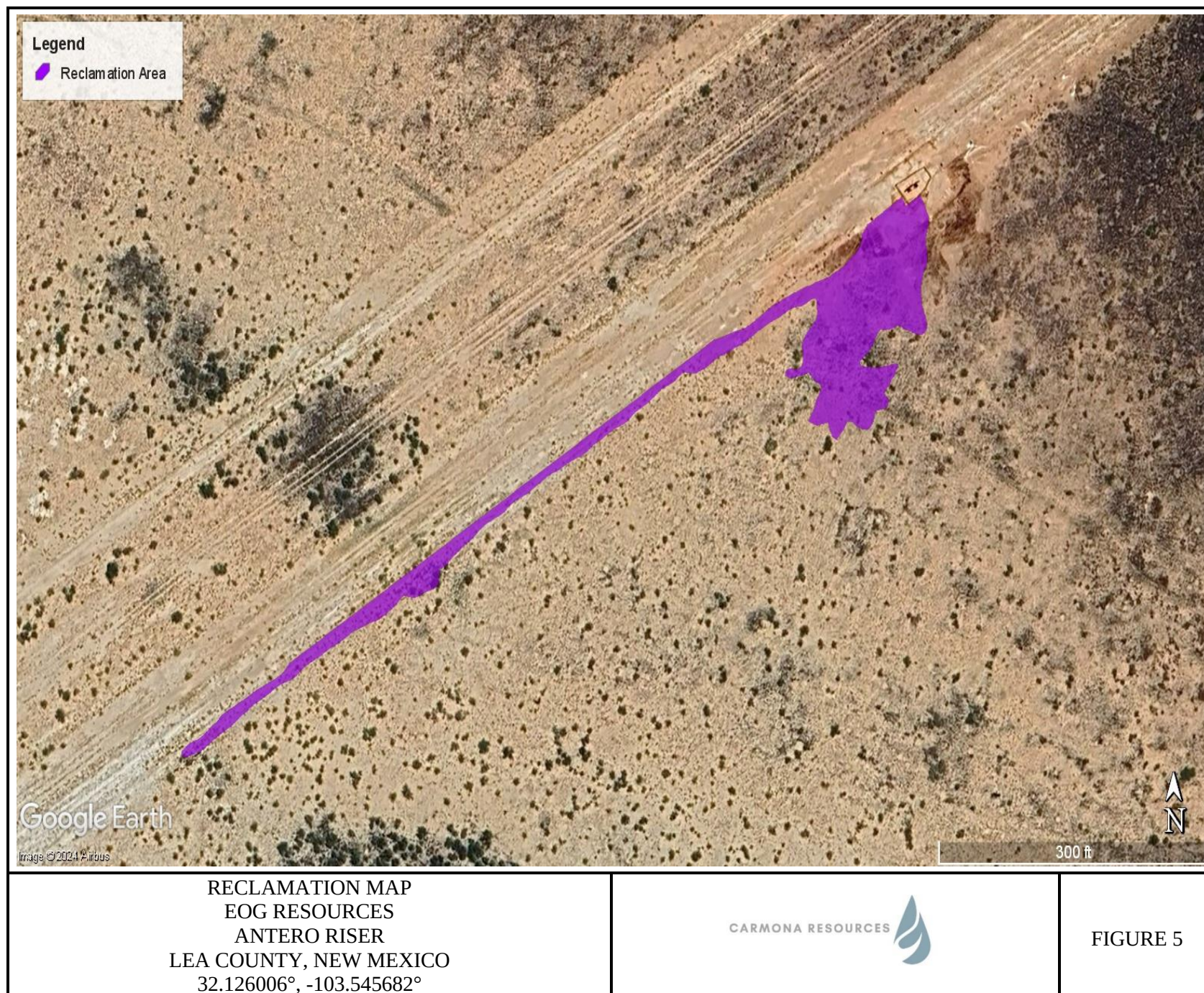




EXCAVATION MAP
EOG RESOURCES
ANTERO RISER
LEA COUNTY, NEW MEXICO
32.126006°, -103.545682°



FIGURE 4D



APPENDIX A

CARMONA RESOURCES



Table 1
EOG Resources
Antero Riser
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-1	1/18/2024	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6,690
	"	1.5	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7,000
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,500
	"	3.0	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4,910
	"	4.0	<50.0	69.1	<50.0	69.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4,810
	"	5.0	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	84.1
T-2	1/18/2024	0-1	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	6,010
	"	1.5	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	4,850
	"	2.0	<50.5	<50.5	<50.5	<50.5	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	5,890
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6,370
	"	4.0	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	7,670
	"	5.0	<50.0	121	<50.0	121	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,150
	"	6.0	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5,070
T-3	1/18/2024	0-1	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,230
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,650
	"	2.0	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	106
	"	3.0	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	14.4
	"	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	139
	"	5.0	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	13.0
T-4	1/18/2024	0-1	<49.7	59.4	<49.7	59.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	14,800
	"	1.5	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4,460
	"	2.0	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5,770
	"	3.0	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,140
	"	4.0	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	371
	"	5.0	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	8.05
T-5	1/18/2024	0-1	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,430
	"	1.5	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<5.05
	"	2.0	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<5.01
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	10.0
	"	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	12.6
	"	5.0	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	127
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(T) Trench Sample

Removed

Table 1
EOG Resources
Antero Riser
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-6	1/18/2024	0-1	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	7,980
	"	1.5	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,290
	"	2.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	162
	"	3.0	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7.14
	"	4.0	<50.4	<50.4	<50.4	<50.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	7.31
	"	5.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	156
T-7	1/18/2024	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5,560
	"	1.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	308
	"	2.0	<49.5	<49.5	<49.5	<49.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5.58
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	10.3
	"	4.0	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	15.9
	"	5.0	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	9.75
T-8	1/18/2024	0-1	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,110
	"	1.5	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	5,780
	"	2.0	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6,590
	"	3.0	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6,830
	"	4.0	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	8,150
	"	5.0	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	7,430
	"	6.0	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9.34
T-9	1/18/2024	0-1	<50.5	<50.5	<50.5	<50.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	5,220
	"	1.5	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,080
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6,290
	"	3.0	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	9,540
	"	4.0	<49.5	<49.5	<49.5	<49.5	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	7,880
	"	5.0	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6,780
	"	6.0	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	6,430
	"	7.0	<50.4	<50.4	<50.4	<50.4	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	6,800
	"	8.0	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6,790
	"	9.0	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6,330
	"	10.0	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6,250
	"	11.0	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	9.72
T-10	1/18/2024	0-1	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7,230
	"	1.5	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,560
	"	2.0	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4,850
	"	3.0	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5,660
	"	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	305
	"	5.0	<50.2	<50.2	<50.2	<50.2	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	5,370
	"	6.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,810
	"	6.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8.86
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(T) Trench Sample

Removed

Table 1
EOG Resources
Antero Riser
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-11	1/18/2024	0-1	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	4,820
	"	1.5	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,550
	"	2.0	<50.5	<50.5	<50.5	<50.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	7,420
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	7,310
	"	4.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	3,880
	"	5.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	5,250
	"	6.0	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,600
	"	7.0	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,350
	"	7.5	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	11.5
T-12	1/18/2024	0-1	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12,800
	"	1.5	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	9,500
	"	2.0	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,600
	"	3.0	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	246
	"	4.0	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	76.2
	"	5.0	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	227
	"	6.0	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	11.5
T-13	1/18/2024	0-1	311	5,760	779	6,850	<0.00200	0.396	0.0988	0.526	1.02	12,600
	"	1.5	63.3	73.0	<49.6	136	<0.00202	<0.00202	<0.00202	0.193	0.193	15,100
	"	2.0	79.5	<49.9	<49.9	79.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6,530
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	2,980
	"	4.0	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,900
	"	5.0	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,950
	"	6.0	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	92.9
	"	7.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12.3
T-14	1/18/2024	0-1	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8,930
	"	1.5	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7,290
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5,650
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	4,540
	"	4.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7,020
	"	5.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	4,950
	"	6.0	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12.1
	"	7.0	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	16.0
T-15	1/18/2024	0-1	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7,100
	"	1.5	<50.2	<50.2	<50.2	<50.2	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	936
	"	2.0	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	52.0
	"	3.0	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	8.60
	"	4.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	22.8
	"	5.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	8.79
	"	6.0	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	8.90
T-16	1/18/2024	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6,990
	"	1.5	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,530
	"	2.0	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	387
	"	3.0	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	117
	"	4.0	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	9.68
	"	5.0	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	36.8
Regulatory Criteria ^A			1,000 mg/kg		2,500 mg/kg		10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(T) Trench Sample

Removed

Table 1
EOG Resources
Antero Riser
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	1/18/2024	0-0.5	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	25.1
H-2	1/18/2024	0-0.5	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	0.00527	0.00527	67.2
H-3	1/18/2024	0-0.5	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	27.8
H-4	1/18/2024	0-0.5	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	29.5
H-5	1/18/2024	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	35.7
H-6	1/18/2024	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	65.4
H-7	1/18/2024	0-0.5	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	149
H-8	1/18/2024	0-0.5	<50.3	<50.3	<50.3	<50.3	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	16.0
H-9	1/18/2024	0-0.5	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9.64
H-10	1/18/2024	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5.10
H-11	1/18/2024	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00400	5.81
H-12	1/18/2024	0-0.5	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00400	8.71
H-13	1/18/2024	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00400	29.7
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(H) Horizontal Sample

Table 2
EOG Resources
Antero Riser
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	6/26/2024	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	62.1
CS-2	6/26/2024	2.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	106.0
CS-3	6/26/2024	1.5	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	82.6
CS-4	6/26/2024	1.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	15.1
CS-5	6/26/2024	1.5	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	43.1
CS-6	6/26/2024	4.5	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	51.6
CS-7	6/26/2024	4.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	43.9
CS-8	6/26/2024	4.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	35.4
CS-9	6/26/2024	4.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	42.9
CS-10	6/26/2024	4.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	30.1
CS-11	6/26/2024	4.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	39.1
CS-12	6/26/2024	4.5	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	75.0
CS-13	6/26/2024	4.5	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	41.3
CS-14	6/26/2024	2.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	188
CS-15	6/26/2024	2.5	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	116
CS-16	6/26/2024	4.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	161
CS-17	6/27/2024	3.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	211
CS-18	6/27/2024	3.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	176
CS-19	6/27/2024	4.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	170
CS-20	6/27/2024	4.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	23.6
CS-21	6/27/2024	4.5	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	110
CS-22	6/27/2024	4.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	129
CS-23	6/27/2024	4.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	185
CS-24	6/27/2024	1.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	47.7
CS-25	6/27/2024	1.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	28.1
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons
ft-feet

(CS) Confirmation Sample

Table 2
EOG Resources
Antero Riser
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-26	6/27/2024	1.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	54.2
CS-27	6/27/2024	1.5	<50.0	57.8	<50.0	57.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	40.7
CS-28	6/28/2024	1.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	47.6
CS-29	6/28/2024	1.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	52.8
CS-30	6/28/2024	1.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	36.1
CS-31	6/28/2024	1.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	32.7
CS-32	6/28/2024	1.5	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	19.2
CS-33	6/28/2024	1.5	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	44.1
CS-34	6/28/2024	1.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9.79
CS-35	6/28/2024	4.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	36.1
CS-36	6/28/2024	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	36.2
CS-37	6/28/2024	2.0	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	57.6
CS-38	6/28/2024	2.0	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	58.7
CS-39	6/28/2024	2.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	41.5
CS-40	7/1/2024	3.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	54.4
CS-41	7/1/2024	3.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	50.8
CS-42	7/1/2024	3.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	56.0
CS-43	7/1/2024	3.5	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	21.1
CS-44	7/1/2024	3.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	56.9
CS-45	7/1/2024	3.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	61.8
CS-46	7/1/2024	3.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	55.2
CS-47	7/1/2024	3.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	37.4
CS-48	7/1/2024	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	32.9
CS-49	7/1/2024	2.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<5.03
CS-50	7/1/2024	2.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	30.1
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons
ft-feet

(CS) Confirmation Sample

Table 2
EOG Resources
Antero Riser
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-51	7/1/2024	2.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	26.5
CS-52	7/1/2024	2.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	59.6
CS-53	7/1/2024	2.0	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	54.5
CS-54	7/2/2024	4.5	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	44.0
CS-55	7/2/2024	4.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	40.2
CS-56	7/2/2024	4.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	38.5
CS-57	7/2/2024	4.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	50.5
CS-58	7/2/2024	4.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	58.0
CS-59	7/2/2024	4.5	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	71.3
CS-60	7/2/2024	4.5	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	41.8
CS-61	7/2/2024	4.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	22.7
CS-62	7/2/2024	4.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	29.7
CS-63	7/2/2024	4.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	36.5
CS-64	7/2/2024	4.5	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	42.3
CS-65	7/2/2024	4.5	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	13.2
CS-66	7/2/2024	4.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	42.4
CS-67	7/2/2024	4.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	35.0
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
EOG Resources
Antero Riser
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	6/26/2024	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	141
SW-2	6/26/2024	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	111
SW-3	6/26/2024	2.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	48.1
SW-4	6/26/2024	0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	46.5
SW-5	6/26/2024	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	51.6
SW-6	6/26/2024	1.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	45.3
SW-7	6/26/2024	3.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	47.1
SW-8	6/26/2024	4.5	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	68.5
SW-9	6/26/2024	4.5	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	66.3
SW-10	6/26/2024	4.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	44.8
SW-11	6/26/2024	4.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	34.3
SW-12	6/26/2024	2.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	38.1
SW-13	6/26/2024	2.5	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	133
SW-14	6/26/2024	2.5	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	34.3
SW-15	6/26/2024	2.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	153
SW-16	6/26/2024	4.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	123
SW-17	6/27/2024	3.5	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	94.2
SW-18	6/27/2024	3.5	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	86.4
SW-19	6/27/2024	1.0	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	171
SW-20	6/27/2024	4.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	141
SW-21	6/27/2024	4.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	94.3
SW-22	6/27/2024	4.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	73.3
SW-23	6/27/2024	4.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	119
SW-24	6/27/2024	1.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	72.2
SW-25	6/27/2024	1.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	69.4
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft-feet

(SW) Sidewall Sample

Table 2
EOG Resources
Antero Riser
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-26	6/27/2024	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	28.8
SW-27	6/27/2024	1.5	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	75.1
SW-28	6/27/2024	1.5	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	36.0
SW-29	6/27/2024	1.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<5.00
SW-30	6/27/2024	1.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	39.3
SW-31	6/27/2024	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	16.5
SW-32	6/27/2024	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	52.1
SW-33	6/28/2024	4.5	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	80.0
SW-34	6/28/2024	1.0	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	91.6
SW-35	6/28/2024	0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	62.9
SW-36	6/28/2024	0.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	38.2
SW-37	6/28/2024	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	108
SW-38	7/1/2024	3.5	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	32.9
SW-39	7/1/2024	1.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	36.8
SW-40	7/1/2024	1.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	40.4
SW-41	7/1/2024	3.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	29.6
SW-42	7/1/2024	2.0	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	56.5
SW-43	7/1/2024	3.5	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	31.4
SW-44	7/1/2024	2.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	38.9
SW-45	7/1/2024	2.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	67.0
SW-46	7/1/2024	2.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	61.5
SW-47	7/2/2024	4.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	19.0
SW-48	7/2/2024	4.5	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	20.2
SW-49	7/2/2024	4.5	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	42.2
SW-50	7/2/2024	4.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	15.9
SW-51	7/2/2024	4.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	34.4
SW-52	7/2/2024	4.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	38.2
SW-53	7/1/2024	2.0	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	49.2
SW-54	7/1/2024	2.0	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	55.9
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(SW) Sidewall Samples

Table 2
EOG Resources
Antero Riser
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
Corleone Pit	7/11/2024	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
<i>Regulatory Criteria^A</i>			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 1**Facility:** Antero Riser**County:** Lea County, New Mexico**Description:**

View Southwest, area of CS-1 through CS-3.

**Photograph No. 2****Facility:** Antero Riser**County:** Lea County, New Mexico**Description:**

View Southwest, area of CS-4 through CS-10.

**Photograph No. 3****Facility:** Antero Riser**County:** Lea County, New Mexico**Description:**

View Southwest, area of CS-11 through CS-16.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 4**Facility:** Antero Riser**County:** Lea County, New Mexico**Description:**

View Southwest, area of CS-17 through CS-23.

**Photograph No. 5****Facility:** Antero Riser**County:** Lea County, New Mexico**Description:**

View South, area of CS-24 through CS-39.

**Photograph No. 6****Facility:** Antero Riser**County:** Lea County, New Mexico**Description:**

View Southeast, area of CS-40 through CS-56.



PHOTOGRAPHIC LOG

EOG Resources, Inc

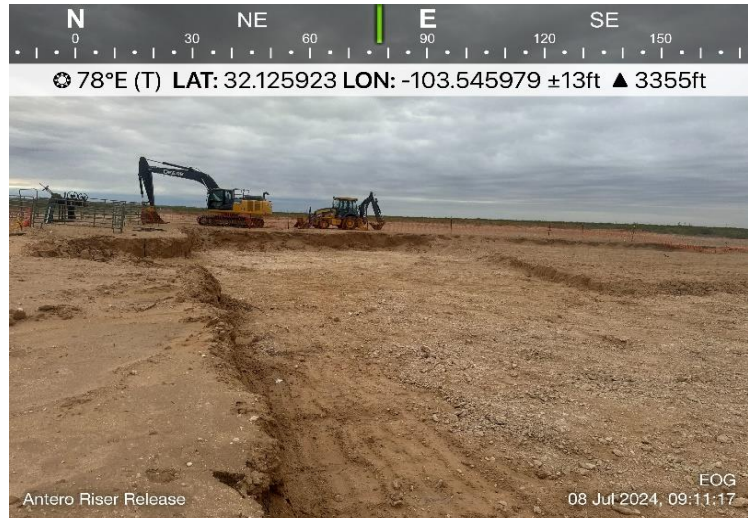
Photograph No. 7

Facility: Antero Riser

County: Lea County, New Mexico

Description:

View East, area of CS-57 through CS-67.



Photograph No. 8

Facility: Antero Riser

County: Lea County, New Mexico

Description:

View East, backfill of excavation.



Photograph No. 9

Facility: Antero Riser

County: Lea County, New Mexico

Description:

View Southwest, backfill of excavation.



PHOTOGRAPHIC LOG**EOG Resources, Inc****Photograph No. 10****Facility:** Antero Riser**County:** Lea County, New Mexico**Description:**

View Southwest, backfill of excavation.

**Photograph No. 11****Facility:** Antero Riser**County:** Lea County, New Mexico**Description:**

View East, backfill of excavation.

**Photograph No. 12****Facility:** Antero Riser**County:** Lea County, New Mexico**Description:**

View East, backfill of excavation.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 13

Facility: Antero Riser

County: Lea County, New Mexico

Description:
View Northwest, backfilled excavation.



Photograph No. 14

Facility: Antero Riser

County: Lea County, New Mexico

Description:
View East, backfilled excavation.

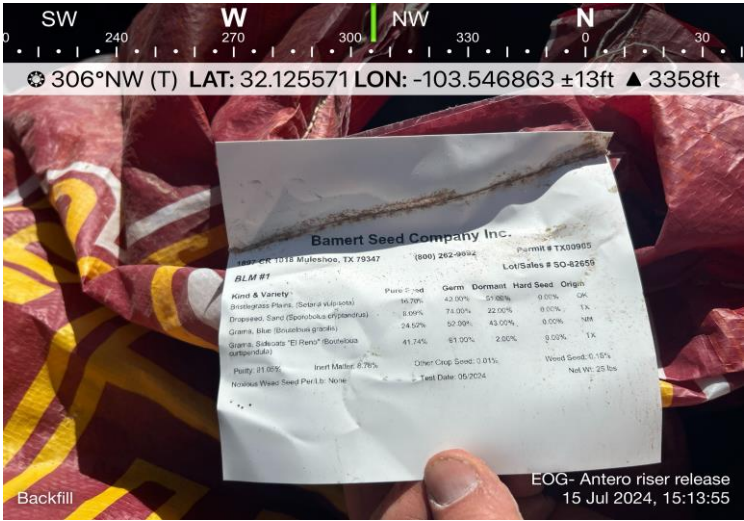


Photograph No. 15

Facility: Antero Riser

County: Lea County, New Mexico

Description:
BLM Seed Mix #1.

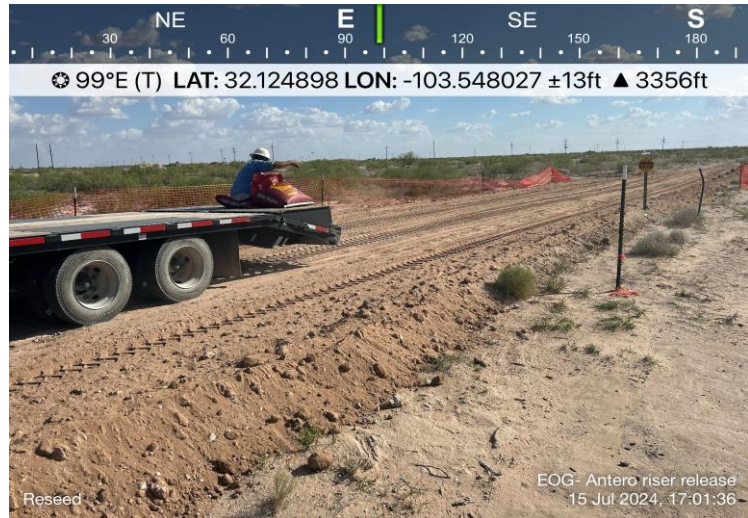


PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 16**Facility:** Antero Riser**County:** Lea County, New Mexico**Description:**

View East, hand broadcasting of seed mixture.

**Photograph No. 17****Facility:** Antero Riser**County:** Lea County, New Mexico**Description:**

View South, hand broadcasting of seed mixture.

**Photograph No. 18****Facility:** Antero Riser**County:** Lea County, New Mexico**Description:**

View Southwest, dispersed seed.



APPENDIX C

CARMONA RESOURCES



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

QUESTIONS

Action 316766

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 316766
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Antero Riser
Date Release Discovered	01/10/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Valve Produced Water Released: 563 BBL Recovered: 0 BBL Lost: 563 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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District IV

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

QUESTIONS, Page 2

Action 316766

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 316766
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

ACKNOWLEDGMENTS

Action 316766

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 316766
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

☒	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
☒	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
☒	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
☒	I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment.
☒	I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.
☒	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

District I
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CONDITIONS

Action 316766

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 316766
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
todd wells	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	2/22/2024

Ashton Thielke

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Thursday, March 14, 2024 4:01 PM
To: Ashton Thielke
Subject: Re: [EXTERNAL] nAPP2405352829 - Antero Riser (01.10.2024) - Sampling Variance (19.15.29.12.5.D.1.C)

Good afternoon Austin,

Thank you for the correspondence. Your variance request to increase the sampling frequency from 200 to 500 sq. ft. per one (1) 5-point composite is approved per 19.15.29.12D (1b) NMAC.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>



From: Ashton Thielke <ThielkeA@carmonaresources.com>
Sent: Wednesday, March 13, 2024 9:36 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Subject: [EXTERNAL] nAPP2405352829 - Antero Riser (01.10.2024) - Sampling Variance (19.15.29.12.5.D.1.C)

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

Good evening Mr. Velez,

On behalf of EOG, we are requesting a variance to NMAC 19.15.29.12.5.D.1.C for the above mentioned NMOCD incident #.

EOG is requesting a confirmation sampling variance from 200 square feet to 500 square feet composite samples.

The above-mentioned site has been fully delineated and bid walks will be occurring soon to move forward with remediation.

Attached is groundwater and site characterization research for the above mentioned site.

This site has a nearby groundwater determination bore showing the lack of groundwater at 55'.

This site is also not near any subsurface mines, any flood plains, any lakes, ponds, playas, any residences or household water wells, and is within a low karst area.

EOG believes that the approval of this sampling variance would not negatively affect the environment, fresh water or public health in anyway.

Please call me if you have any questions.

Thanks!

Ashton Thielke
Senior Project Manager
310 West Wall Street, Suite 500
Midland TX, 79701
M: 432-813-8988 C: 281-753-5659
ThielkeA@carmonaresources.com



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QUESTIONS

Action 357029

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 357029
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2405352829
Incident Name	NAPP2405352829 ANTERO RISER @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Antero Riser
Date Release Discovered	01/10/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	8,348
What is the estimated number of samples that will be gathered	32
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/26/2024
Time sampling will commence	03:00 PM
Please provide any information necessary for observers to contact samplers	Devin Dominguez (432) 701- 5475
Please provide any information necessary for navigation to sampling site	GPS Coordinates: 32.126006, -103.545682

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CONDITIONS

Action 357029

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 357029
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
todd wells	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	6/24/2024

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Santa Fe, NM 87505

QUESTIONS

Action 357047

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 357047
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2405352829
Incident Name	NAPP2405352829 ANTERO RISER @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Antero Riser
Date Release Discovered	01/10/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	5,995
What is the estimated number of samples that will be gathered	23
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/27/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Devin Dominguez (432) 701- 5475
Please provide any information necessary for navigation to sampling site	GPS Coordinates: 32.126006, -103.545682

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CONDITIONS

Action 357047

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 357047
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
todd wells	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	6/24/2024

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QUESTIONS

Action 357058

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 357058
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2405352829
Incident Name	NAPP2405352829 ANTERO RISER @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Antero Riser
Date Release Discovered	01/10/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	3,985
What is the estimated number of samples that will be gathered	17
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/28/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Devin Dominguez (432) 701- 5475
Please provide any information necessary for navigation to sampling site	GPS Coordinates: 32.126006, -103.545682

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CONDITIONS

Action 357058

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 357058
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
todd wells	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	6/24/2024

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State of New Mexico
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Santa Fe, NM 87505

QUESTIONS

Action 359220

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 359220
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2405352829
Incident Name	NAPP2405352829 ANTERO RISER @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Antero Riser
Date Release Discovered	01/10/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	4,518
What is the estimated number of samples that will be gathered	25
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/01/2024
Time sampling will commence	01:00 PM
Please provide any information necessary for observers to contact samplers	Devin Dominguez (432) 701- 5475
Please provide any information necessary for navigation to sampling site	GPS Coordinates – 32.126006, -103.545682

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CONDITIONS

Action 359220

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 359220
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
todd wells	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	6/27/2024

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QUESTIONS

Action 359232

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 359232
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2405352829
Incident Name	NAPP2405352829 ANTERO RISER @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Antero Riser
Date Release Discovered	01/10/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	5,853
What is the estimated number of samples that will be gathered	24
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/02/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Devin Dominguez (432) 701- 5475
Please provide any information necessary for navigation to sampling site	GPS Coordinates: 32.126006, -103.545682

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CONDITIONS

Action 359232

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 359232
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
todd wells	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	6/27/2024

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QUESTIONS

Action 359237

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 359237
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2405352829
Incident Name	NAPP2405352829 ANTERO RISER @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	Antero Riser
Date Release Discovered	01/10/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	1,000
What is the estimated number of samples that will be gathered	5
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/08/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Devin Dominguez (432) 701- 5475
Please provide any information necessary for navigation to sampling site	GPS Coordinates – 32.126006, -103.545682

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CONDITIONS

Action 359237

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 359237
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
todd wells	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	6/27/2024

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: _____ Title: _____

Signature: Todd Wells Date: 7/25/2024

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

APPENDIX D

CARMONA RESOURCES



Nearest water well

EOG Resources

Legend

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



Low Karst

EOG Resources

Legend

- Antero Riser
- Low

Antero Riser



3000 ft



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

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

Average Depth to Water: **160 feet**

Minimum Depth: **110 feet**

Maximum Depth: **185 feet**

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 637117

Northing (Y): 3555294

Radius: 4000

*UTM location was derived from PLSS - see Help

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

6/14/23 9:16 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

Borehole ID:

Soil Drilling Log

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

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

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

* H.O. = Heavy Odor * L.O. = Low Odor
* H.S. = Heavy Staining * L.S. = Low Staining

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



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 02373 CLW317846	2	1	1	13	25S	33E	638518	3556544* 
x									
Driller License: 421		Driller Company:				GLENN'S WATER WELL SERVICE			
Driller Name:									
Drill Start Date: 09/08/1993		Drill Finish Date:				09/08/1993		Plug Date:	
Log File Date:		PCW Rcv Date:				02/09/1996		Source: Shallow	
Pump Type: SUBMER		Pipe Discharge Size:				2		Estimated Yield: 60 GPM	
Casing Size: 6.63		Depth Well:				625 feet		Depth Water: 185 feet	
x									

*UTM location was derived from PLSS - see Help

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

6/14/23 9:16 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	02373 S	1	2	1	13	25S	33E	638721	3556549*

x

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

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

x

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

x

Meter Readings (in Acre-Feet)

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

03/31/2006	2006	186880	A	RPT	0.458
06/30/2006	2006	196667	A	tw	3.004
12/31/2006	2006	205842	A	tw	2.816
04/03/2007	2007	211071	A	RPT	1.605
07/01/2007	2007	211071	A	RPT	0
10/01/2007	2007	211071	A	RPT	0
12/03/2007	2007	211071	A	RPT	0
03/30/2008	2008	211071	A	RPT	0
06/30/2008	2008	211071	A	RPT	0
09/30/2008	2008	211071	A	RPT	0
12/30/2008	2008	211071	A	RPT	0
03/31/2010	2010	109594	R	RPT Meter Rollover	275.747
06/30/2010	2010	156195	A	tw	14.301
09/30/2010	2010	199335	A	RPT	13.239
12/31/2010	2010	231813	A	RPT	9.967
04/01/2011	2011	263630	A	RPT	9.764

**YTD Meter Amounts:	Year	Amount
	1999	5.033
	2000	7.540
	2001	4.588
	2002	19.584
	2003	10.023
	2004	10.707
	2005	1.580
	2006	6.278
	2007	1.605
	2008	0
	2010	313.254
	2011	9.764

*UTM location was derived from PLSS - see Help

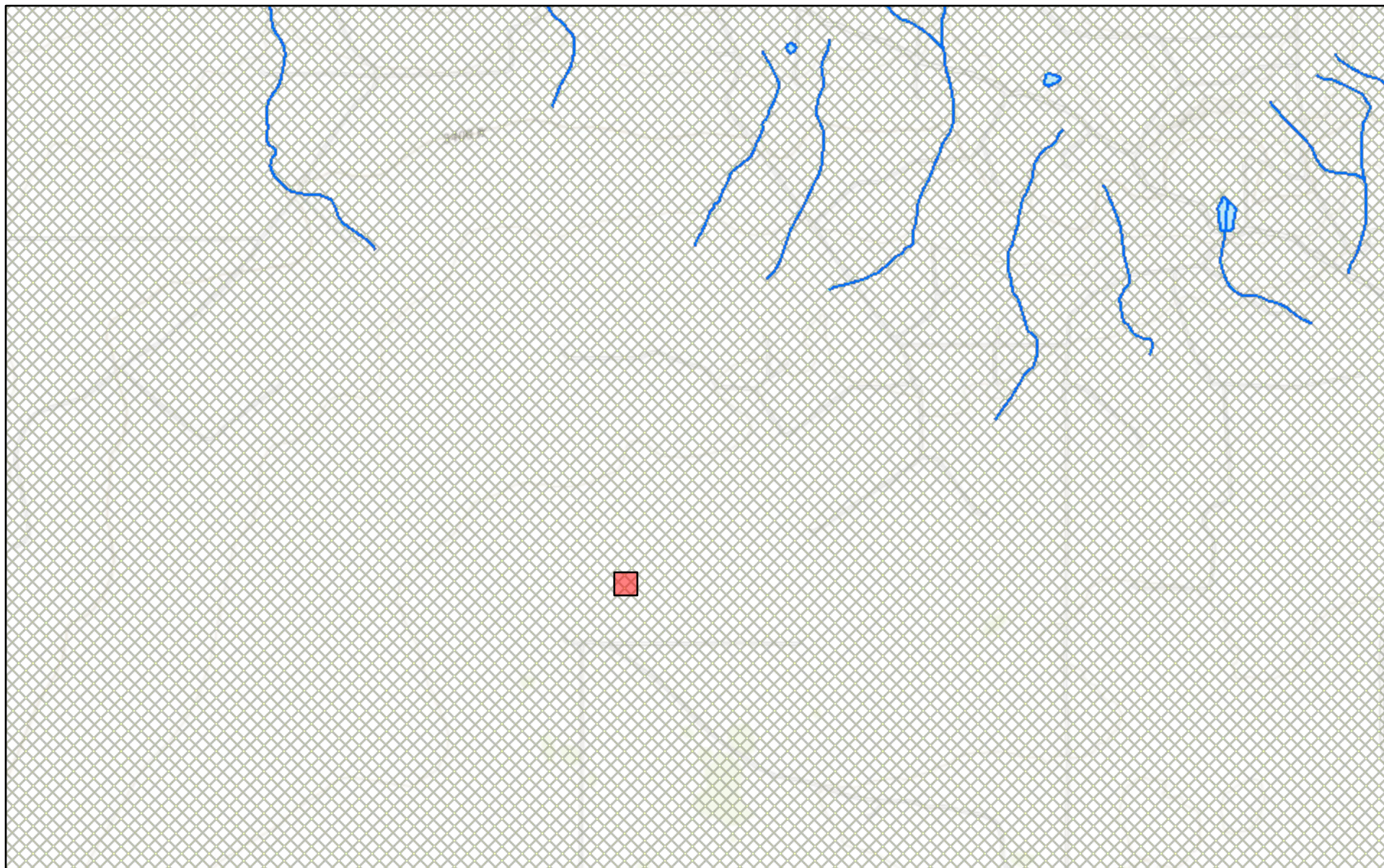
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

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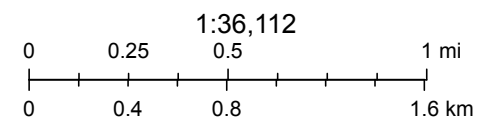
POINT OF DIVERSION SUMMARY

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

New Mexico NFHL Data



June 14, 2023



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

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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

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JOB DESCRIPTION

Antero New Riser Spill
Lea County, New Mexico

JOB NUMBER

880-38285-1

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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1/29/2024 2:00:26 PM

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

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Laboratory Job ID: 880-38285-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Definitions/Glossary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Glossary (Continued)

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

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Case Narrative

Client: Carmona Resources
Project: Antero New Riser Spill

Job ID: 880-38285-1

Job ID: 880-38285-1

Eurofins Midland

Job Narrative
880-38285-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The samples were received on 1/22/2024 4:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -4.2°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: T-1 (0-1') (880-38285-1), T-1 (1.5') (880-38285-2), T-1 (2') (880-38285-3), T-1 (3') (880-38285-4), T-1 (4') (880-38285-5), T-1 (5') (880-38285-6), T-2 (0-1') (880-38285-7), T-2 (1.5') (880-38285-8), T-2 (2') (880-38285-9), T-2 (3') (880-38285-10), T-2 (4') (880-38285-11), T-2 (5') (880-38285-12), T-2 (6') (880-38285-13), T-2 (7') (880-38285-14), T-3 (0-1') (880-38285-15), T-3 (1.5') (880-38285-16), T-3 (2') (880-38285-17), T-3 (3') (880-38285-18), T-3 (4') (880-38285-19), T-3 (5') (880-38285-20), T-4 (0-1') (880-38285-21), T-4 (1.5') (880-38285-22), T-4 (2') (880-38285-23), T-4 (3') (880-38285-24), T-4 (4') (880-38285-25), T-4 (5') (880-38285-26), T-5 (0-1') (880-38285-27), T-5 (1.5') (880-38285-28), T-5 (2') (880-38285-29), T-5 (3') (880-38285-30), T-5 (4') (880-38285-31), T-5 (5') (880-38285-32), T-6 (0-1') (880-38285-33), T-6 (1.5') (880-38285-34), T-6 (2') (880-38285-35), T-6 (3') (880-38285-36), T-6 (4') (880-38285-37), T-6 (5') (880-38285-38), T-7 (0-1') (880-38285-39), T-7 (1.5') (880-38285-40), T-7 (2') (880-38285-41), T-7 (3') (880-38285-42), T-7 (4') (880-38285-43), T-7 (5') (880-38285-44), T-8 (0-1') (880-38285-45), T-8 (1.5') (880-38285-46), T-8 (2') (880-38285-47), T-8 (3') (880-38285-48), T-8 (4') (880-38285-49), T-8 (5') (880-38285-50), T-8 (6') (880-38285-51), T-9 (0-1') (880-38285-52), T-9 (1.5') (880-38285-53), T-9 (2') (880-38285-54), T-9 (3') (880-38285-55), T-9 (4') (880-38285-56), T-9 (5') (880-38285-57), T-9 (6') (880-38285-58), T-9 (7') (880-38285-59), T-9 (8') (880-38285-60), T-9 (9') (880-38285-61), T-9 (10') (880-38285-62), T-9 (11') (880-38285-63), T-10 (0-1') (880-38285-64), T-10 (1.5') (880-38285-65), T-10 (2') (880-38285-66), T-10 (3') (880-38285-67), T-10 (4') (880-38285-68), T-10 (5') (880-38285-69), T-10 (6') (880-38285-70), T-10 (6.5') (880-38285-71), T-11 (0-1') (880-38285-72), T-11 (1.5') (880-38285-73), T-11 (2') (880-38285-74), T-11 (3') (880-38285-75), T-11 (4') (880-38285-76), T-11 (5') (880-38285-77), T-11 (6') (880-38285-78), T-11 (7') (880-38285-79), T-11 (7.5') (880-38285-80), T-12 (0-1') (880-38285-81), T-12 (1.5') (880-38285-82), T-12 (2') (880-38285-83), T-12 (3') (880-38285-84), T-12 (4') (880-38285-85), T-12 (5') (880-38285-86), T-12 (6') (880-38285-87), T-13 (0-1') (880-38285-88), T-13 (1.5') (880-38285-89), T-13 (2') (880-38285-90), T-13 (3') (880-38285-91), T-13 (4') (880-38285-92), T-13 (5') (880-38285-93), T-13 (6') (880-38285-94), T-13 (7') (880-38285-95), T-14 (0-1') (880-38285-96), T-14 (1.5') (880-38285-97), T-14 (2') (880-38285-98), T-14 (3') (880-38285-99), T-14 (4') (880-38285-100), T-14 (5') (880-38285-101), T-14 (6') (880-38285-102), T-14 (7') (880-38285-103), T-15 (0-1') (880-38285-104), T-15 (1.5') (880-38285-105), T-15 (2') (880-38285-106), T-15 (3') (880-38285-107), T-15 (4') (880-38285-108), T-15 (5') (880-38285-109), T-15 (6') (880-38285-110), T-16 (0-1') (880-38285-111), T-16 (1.5') (880-38285-112), T-16 (2') (880-38285-113), T-16 (3') (880-38285-114), T-16 (4') (880-38285-115) and T-16 (5') (880-38285-116).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-4 (0-1') (880-38285-21), T-4 (1.5') (880-38285-22), T-4 (2') (880-38285-23), T-4 (3') (880-38285-24), T-4 (4') (880-38285-25), T-4 (5') (880-38285-26), T-5 (0-1') (880-38285-27), T-5 (1.5') (880-38285-28), T-5 (2') (880-38285-29), (CCV 880-71433/64), (LCS 880-71415/1-A), (LCSD 880-71415/2-A), (MB 880-71415/5-A), (880-38285-A-21-A MS) and (880-38285-A-21-B MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-71415 and analytical batch 880-71433 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-71411 and analytical batch 880-71433 was outside the upper control limits.

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Antero New Riser Spill

Job ID: 880-38285-1

Job ID: 880-38285-1 (Continued)

Eurofins Midland

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-71562 recovered above the upper control limit for <AffectedAnalytes>. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-71562/33).

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-71419 and analytical batch 880-71562 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-71419 and 880-71516 and analytical batch 880-71562 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: T-10 (3') (880-38285-67). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-15 (6') (880-38285-110) and (CCV 880-71559/20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) for preparation batch 880-71461 and analytical batch 880-71559 recovered outside control limits for the following analytes: <AffectedAnalytes>. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-71416 and analytical batch 880-71625 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: T-9 (5') (880-38285-57). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-71471 recovered above the upper control limit for Benzene, Ethylbenzene, m-Xylene & p-Xylene and o-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8021B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-71414 and analytical batch 880-71471 recovered outside control limits for the following analytes: Ethylbenzene.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-71414 and analytical batch 880-71471 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-13 (1.5') (880-38285-89) and (CCV 880-71659/2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-71430 and analytical batch 880-71659 was outside the control limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-71764 recovered under the lower control limit for Benzene and o-Xylene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported.

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-71671 and analytical batch 880-71660 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: T-13 (2') (880-38285-90). 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.

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-1 (2') (880-38285-3) and

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Case Narrative

Client: Carmona Resources
Project: Antero New Riser Spill

Job ID: 880-38285-1

Job ID: 880-38285-1 (Continued)

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(880-38285-A-1-F MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-71489 and analytical batch 880-71467 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: Spike compounds were inadvertently omitted during the extraction process for the matrix spike duplicate (MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-71489 and analytical batch 880-71467. The associated laboratory control sample (LCS) met acceptance criteria.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-71469 recovered below the lower control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-71469/5).

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-11 (1.5') (880-38285-73) and T-11 (4') (880-38285-76). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-71470 and analytical batch 880-71515 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-71420 and analytical batch 880-71604 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-71418 and analytical batch 880-71598 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-71423 and analytical batch 880-71605 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-71432 and analytical batch 880-71615 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-71429 and analytical batch 880-71613 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-71431 and analytical batch 880-71614 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: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (0-1')

Lab Sample ID: 880-38285-1

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:19	01/25/24 00:59	1
Toluene	<0.00199	U *	0.00199		mg/Kg		01/23/24 10:19	01/25/24 00:59	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		01/23/24 10:19	01/25/24 00:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 10:19	01/25/24 00:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:19	01/25/24 00:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 10:19	01/25/24 00:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	01/23/24 10:19	01/25/24 00:59	1
1,4-Difluorobenzene (Surr)	111		70 - 130	01/23/24 10:19	01/25/24 00:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/25/24 00:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/24/24 10:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/24/24 08:40	01/24/24 10:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/24/24 08:40	01/24/24 10:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/24/24 08:40	01/24/24 10:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130	01/24/24 08:40	01/24/24 10:15	1
o-Terphenyl	78		70 - 130	01/24/24 08:40	01/24/24 10:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6690		49.9		mg/Kg			01/25/24 23:53	10

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-38285-2

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:19	01/25/24 01:19	1
Toluene	<0.00200	U *	0.00200		mg/Kg		01/23/24 10:19	01/25/24 01:19	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		01/23/24 10:19	01/25/24 01:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/23/24 10:19	01/25/24 01:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:19	01/25/24 01:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/23/24 10:19	01/25/24 01:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/23/24 10:19	01/25/24 01:19	1
1,4-Difluorobenzene (Surr)	111		70 - 130	01/23/24 10:19	01/25/24 01:19	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-38285-2

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/25/24 01:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/24/24 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/24/24 08:40	01/24/24 11:21	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/24/24 08:40	01/24/24 11:21	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/24/24 08:40	01/24/24 11:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				01/24/24 08:40	01/24/24 11:21	1
o-Terphenyl	79		70 - 130				01/24/24 08:40	01/24/24 11:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7000		49.5		mg/Kg			01/25/24 23:59	10

Client Sample ID: T-1 (2')

Lab Sample ID: 880-38285-3

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:19	01/25/24 01:40	1
Toluene	<0.00201	U *	0.00201		mg/Kg		01/23/24 10:19	01/25/24 01:40	1
Ethylbenzene	<0.00201	U *	0.00201		mg/Kg		01/23/24 10:19	01/25/24 01:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/23/24 10:19	01/25/24 01:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:19	01/25/24 01:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/23/24 10:19	01/25/24 01:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				01/23/24 10:19	01/25/24 01:40	1
1,4-Difluorobenzene (Surr)	116		70 - 130				01/23/24 10:19	01/25/24 01:40	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			01/25/24 01:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/24/24 11:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/24/24 08:40	01/24/24 11:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/24/24 08:40	01/24/24 11:43	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (2')

Lab Sample ID: 880-38285-3

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/24/24 08:40	01/24/24 11:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	149	S1+	70 - 130				01/24/24 08:40	01/24/24 11:43	1
o-Terphenyl	153	S1+	70 - 130				01/24/24 08:40	01/24/24 11:43	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3500		24.8		mg/Kg			01/26/24 00:04	5

Client Sample ID: T-1 (3')

Lab Sample ID: 880-38285-4

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:19	01/25/24 02:00	1
Toluene	<0.00199	U *	0.00199		mg/Kg		01/23/24 10:19	01/25/24 02:00	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		01/23/24 10:19	01/25/24 02:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 10:19	01/25/24 02:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:19	01/25/24 02:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 10:19	01/25/24 02:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				01/23/24 10:19	01/25/24 02:00	1
1,4-Difluorobenzene (Surr)	115		70 - 130				01/23/24 10:19	01/25/24 02:00	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			01/25/24 02:00	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/24/24 12:06	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/24/24 08:40	01/24/24 12:06	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/24/24 08:40	01/24/24 12:06	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/24/24 08:40	01/24/24 12:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				01/24/24 08:40	01/24/24 12:06	1
o-Terphenyl	77		70 - 130				01/24/24 08:40	01/24/24 12:06	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4910	F1	50.3		mg/Kg			01/26/24 00:10	10

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (4')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-5
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:19	01/25/24 02:21	1
Toluene	<0.00199	U *	0.00199		mg/Kg		01/23/24 10:19	01/25/24 02:21	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		01/23/24 10:19	01/25/24 02:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 10:19	01/25/24 02:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:19	01/25/24 02:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 10:19	01/25/24 02:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				01/23/24 10:19	01/25/24 02:21	1
1,4-Difluorobenzene (Surr)	107		70 - 130				01/23/24 10:19	01/25/24 02:21	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			01/25/24 02:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	69.1		50.0		mg/Kg			01/24/24 12:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/24/24 08:40	01/24/24 12:30	1
Diesel Range Organics (Over C10-C28)	69.1		50.0		mg/Kg		01/24/24 08:40	01/24/24 12:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/24/24 08:40	01/24/24 12:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				01/24/24 08:40	01/24/24 12:30	1
o-Terphenyl	81		70 - 130				01/24/24 08:40	01/24/24 12:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4810		24.9		mg/Kg			01/26/24 00:27	5

Client Sample ID: T-1 (5')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-6
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:19	01/25/24 02:41	1
Toluene	<0.00200	U *	0.00200		mg/Kg		01/23/24 10:19	01/25/24 02:41	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		01/23/24 10:19	01/25/24 02:41	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/23/24 10:19	01/25/24 02:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:19	01/25/24 02:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/23/24 10:19	01/25/24 02:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				01/23/24 10:19	01/25/24 02:41	1
1,4-Difluorobenzene (Surr)	116		70 - 130				01/23/24 10:19	01/25/24 02:41	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (5')

Lab Sample ID: 880-38285-6

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/25/24 02:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/24/24 12:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/24/24 08:40	01/24/24 12:53	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/24/24 08:40	01/24/24 12:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/24/24 08:40	01/24/24 12:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				01/24/24 08:40	01/24/24 12:53	1
o-Terphenyl	74		70 - 130				01/24/24 08:40	01/24/24 12:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.1		5.00		mg/Kg			01/26/24 00:33	1

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-38285-7

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:19	01/25/24 03:01	1
Toluene	<0.00201	U *	0.00201		mg/Kg		01/23/24 10:19	01/25/24 03:01	1
Ethylbenzene	<0.00201	U *	0.00201		mg/Kg		01/23/24 10:19	01/25/24 03:01	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/23/24 10:19	01/25/24 03:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:19	01/25/24 03:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/23/24 10:19	01/25/24 03:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				01/23/24 10:19	01/25/24 03:01	1
1,4-Difluorobenzene (Surr)	114		70 - 130				01/23/24 10:19	01/25/24 03:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/25/24 03:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/24/24 13:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/24/24 08:40	01/24/24 13:16	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/24/24 08:40	01/24/24 13:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (0-1')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-7
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/24/24 08:40	01/24/24 13:16	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	71		70 - 130				01/24/24 08:40	01/24/24 13:16	1	
o-Terphenyl	73		70 - 130				01/24/24 08:40	01/24/24 13:16	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	6010		50.2		mg/Kg			01/26/24 00:49	10	

Client Sample ID: T-2 (1.5')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-8
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:19	01/25/24 03:22	1	
Toluene	<0.00200	U *	0.00200		mg/Kg		01/23/24 10:19	01/25/24 03:22	1	
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		01/23/24 10:19	01/25/24 03:22	1	
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/23/24 10:19	01/25/24 03:22	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:19	01/25/24 03:22	1	
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/23/24 10:19	01/25/24 03:22	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	123		70 - 130				01/23/24 10:19	01/25/24 03:22	1	
1,4-Difluorobenzene (Surr)	112		70 - 130				01/23/24 10:19	01/25/24 03:22	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/25/24 03:22	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.3	U	50.3		mg/Kg			01/24/24 13:38	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		01/24/24 08:40	01/24/24 13:38	1	
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/24/24 08:40	01/24/24 13:38	1	
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/24/24 08:40	01/24/24 13:38	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	78		70 - 130				01/24/24 08:40	01/24/24 13:38	1	
o-Terphenyl	82		70 - 130				01/24/24 08:40	01/24/24 13:38	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	4850		50.1		mg/Kg			01/26/24 00:55	10	

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (2')

Lab Sample ID: 880-38285-9

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:19	01/25/24 03:42	1
Toluene	<0.00202	U *	0.00202		mg/Kg		01/23/24 10:19	01/25/24 03:42	1
Ethylbenzene	<0.00202	U *	0.00202		mg/Kg		01/23/24 10:19	01/25/24 03:42	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/23/24 10:19	01/25/24 03:42	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/23/24 10:19	01/25/24 03:42	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/23/24 10:19	01/25/24 03:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	01/23/24 10:19	01/25/24 03:42	1
1,4-Difluorobenzene (Surr)	117		70 - 130	01/23/24 10:19	01/25/24 03:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/25/24 03:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/24/24 14:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/24/24 08:40	01/24/24 14:04	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/24/24 08:40	01/24/24 14:04	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/24/24 08:40	01/24/24 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130	01/24/24 08:40	01/24/24 14:04	1
o-Terphenyl	76		70 - 130	01/24/24 08:40	01/24/24 14:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5890		49.7		mg/Kg			01/26/24 01:01	10

Client Sample ID: T-2 (3')

Lab Sample ID: 880-38285-10

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:19	01/25/24 04:03	1
Toluene	<0.00199	U *	0.00199		mg/Kg		01/23/24 10:19	01/25/24 04:03	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		01/23/24 10:19	01/25/24 04:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 10:19	01/25/24 04:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:19	01/25/24 04:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 10:19	01/25/24 04:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	01/23/24 10:19	01/25/24 04:03	1
1,4-Difluorobenzene (Surr)	119		70 - 130	01/23/24 10:19	01/25/24 04:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (3')

Lab Sample ID: 880-38285-10

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/25/24 04:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/24/24 14:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/24/24 08:40	01/24/24 14:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/24/24 08:40	01/24/24 14:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/24/24 08:40	01/24/24 14:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				01/24/24 08:40	01/24/24 14:26	1
o-Terphenyl	83		70 - 130				01/24/24 08:40	01/24/24 14:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6370		49.6		mg/Kg			01/26/24 01:07	10

Client Sample ID: T-2 (4')

Lab Sample ID: 880-38285-11

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:19	01/25/24 05:53	1
Toluene	<0.00198	U *	0.00198		mg/Kg		01/23/24 10:19	01/25/24 05:53	1
Ethylbenzene	<0.00198	U *	0.00198		mg/Kg		01/23/24 10:19	01/25/24 05:53	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/23/24 10:19	01/25/24 05:53	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/23/24 10:19	01/25/24 05:53	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/23/24 10:19	01/25/24 05:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				01/23/24 10:19	01/25/24 05:53	1
1,4-Difluorobenzene (Surr)	109		70 - 130				01/23/24 10:19	01/25/24 05:53	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			01/25/24 05:53	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			01/24/24 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/24/24 08:40	01/24/24 15:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/24/24 08:40	01/24/24 15:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (4')

Lab Sample ID: 880-38285-11

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/24/24 08:40	01/24/24 15:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				01/24/24 08:40	01/24/24 15:10	1
o-Terphenyl	83		70 - 130				01/24/24 08:40	01/24/24 15:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7670		50.4		mg/Kg			01/26/24 01:12	10

Client Sample ID: T-2 (5')

Lab Sample ID: 880-38285-12

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:19	01/25/24 06:13	1
Toluene	<0.00199	U *	0.00199		mg/Kg		01/23/24 10:19	01/25/24 06:13	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		01/23/24 10:19	01/25/24 06:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 10:19	01/25/24 06:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:19	01/25/24 06:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 10:19	01/25/24 06:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				01/23/24 10:19	01/25/24 06:13	1
1,4-Difluorobenzene (Surr)	109		70 - 130				01/23/24 10:19	01/25/24 06:13	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			01/25/24 06:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	121		50.0		mg/Kg			01/24/24 15:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/24/24 08:40	01/24/24 15:34	1
Diesel Range Organics (Over C10-C28)	121		50.0		mg/Kg		01/24/24 08:40	01/24/24 15:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/24/24 08:40	01/24/24 15:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				01/24/24 08:40	01/24/24 15:34	1
o-Terphenyl	79		70 - 130				01/24/24 08:40	01/24/24 15:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5150		50.4		mg/Kg			01/26/24 01:18	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (6')

Lab Sample ID: 880-38285-13

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:19	01/25/24 06:34	1
Toluene	<0.00200	U *	0.00200		mg/Kg		01/23/24 10:19	01/25/24 06:34	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		01/23/24 10:19	01/25/24 06:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/23/24 10:19	01/25/24 06:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:19	01/25/24 06:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/23/24 10:19	01/25/24 06:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	01/23/24 10:19	01/25/24 06:34	1
1,4-Difluorobenzene (Surr)	116		70 - 130	01/23/24 10:19	01/25/24 06:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/25/24 06:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/24/24 15:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/24/24 08:40	01/24/24 15:58	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/24/24 08:40	01/24/24 15:58	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/24/24 08:40	01/24/24 15:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130	01/24/24 08:40	01/24/24 15:58	1
o-Terphenyl	76		70 - 130	01/24/24 08:40	01/24/24 15:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5070		50.5		mg/Kg			01/26/24 01:23	10

Client Sample ID: T-2 (7')

Lab Sample ID: 880-38285-14

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:19	01/25/24 06:54	1
Toluene	<0.00201	U *	0.00201		mg/Kg		01/23/24 10:19	01/25/24 06:54	1
Ethylbenzene	<0.00201	U *	0.00201		mg/Kg		01/23/24 10:19	01/25/24 06:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/23/24 10:19	01/25/24 06:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:19	01/25/24 06:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/23/24 10:19	01/25/24 06:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	01/23/24 10:19	01/25/24 06:54	1
1,4-Difluorobenzene (Surr)	114		70 - 130	01/23/24 10:19	01/25/24 06:54	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (7')

Lab Sample ID: 880-38285-14

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/25/24 06:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			01/24/24 16:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		01/24/24 08:40	01/24/24 16:21	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/24/24 08:40	01/24/24 16:21	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/24/24 08:40	01/24/24 16:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				01/24/24 08:40	01/24/24 16:21	1
o-Terphenyl	70		70 - 130				01/24/24 08:40	01/24/24 16:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.21		4.97		mg/Kg			01/26/24 02:09	1

Client Sample ID: T-3 (0-1')

Lab Sample ID: 880-38285-15

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:19	01/25/24 07:15	1
Toluene	<0.00199	U *	0.00199		mg/Kg		01/23/24 10:19	01/25/24 07:15	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		01/23/24 10:19	01/25/24 07:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 10:19	01/25/24 07:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:19	01/25/24 07:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 10:19	01/25/24 07:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				01/23/24 10:19	01/25/24 07:15	1
1,4-Difluorobenzene (Surr)	113		70 - 130				01/23/24 10:19	01/25/24 07:15	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			01/25/24 07:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/24/24 16:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/24/24 08:40	01/24/24 16:48	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/24/24 08:40	01/24/24 16:48	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (0-1') Lab Sample ID: 880-38285-15
Date Collected: 01/18/24 00:00 Matrix: Solid
Date Received: 01/22/24 16:45

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/24/24 08:40	01/24/24 16:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				01/24/24 08:40	01/24/24 16:48	1
o-Terphenyl	79		70 - 130				01/24/24 08:40	01/24/24 16:48	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3230		24.8		mg/Kg			01/26/24 02:26	5

Client Sample ID: T-3 (1.5') Lab Sample ID: 880-38285-16
Date Collected: 01/18/24 00:00 Matrix: Solid
Date Received: 01/22/24 16:45

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		01/23/24 10:19	01/25/24 07:35	1
Toluene	<0.00199	U *	0.00199		mg/Kg		01/23/24 10:19	01/25/24 07:35	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		01/23/24 10:19	01/25/24 07:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 10:19	01/25/24 07:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:19	01/25/24 07:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 10:19	01/25/24 07:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				01/23/24 10:19	01/25/24 07:35	1
1,4-Difluorobenzene (Surr)	117		70 - 130				01/23/24 10:19	01/25/24 07:35	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			01/25/24 07:35	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/24/24 17:10	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/24/24 08:40	01/24/24 17:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/24/24 08:40	01/24/24 17:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/24/24 08:40	01/24/24 17:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				01/24/24 08:40	01/24/24 17:10	1
o-Terphenyl	84		70 - 130				01/24/24 08:40	01/24/24 17:10	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		24.9		mg/Kg			01/26/24 02:31	5

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (2')

Lab Sample ID: 880-38285-17

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:19	01/25/24 07:55	1
Toluene	<0.00200	U *	0.00200		mg/Kg		01/23/24 10:19	01/25/24 07:55	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		01/23/24 10:19	01/25/24 07:55	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/23/24 10:19	01/25/24 07:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:19	01/25/24 07:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/23/24 10:19	01/25/24 07:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	01/23/24 10:19	01/25/24 07:55	1
1,4-Difluorobenzene (Surr)	126		70 - 130	01/23/24 10:19	01/25/24 07:55	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			01/25/24 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/24/24 17:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/24/24 08:40	01/24/24 17:32	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/24/24 08:40	01/24/24 17:32	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/24/24 08:40	01/24/24 17:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	01/24/24 08:40	01/24/24 17:32	1
o-Terphenyl	77		70 - 130	01/24/24 08:40	01/24/24 17:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		4.95		mg/Kg			01/26/24 02:37	1

Client Sample ID: T-3 (3')

Lab Sample ID: 880-38285-18

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:19	01/25/24 08:16	1
Toluene	<0.00201	U *	0.00201		mg/Kg		01/23/24 10:19	01/25/24 08:16	1
Ethylbenzene	<0.00201	U *	0.00201		mg/Kg		01/23/24 10:19	01/25/24 08:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/23/24 10:19	01/25/24 08:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:19	01/25/24 08:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/23/24 10:19	01/25/24 08:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	01/23/24 10:19	01/25/24 08:16	1
1,4-Difluorobenzene (Surr)	117		70 - 130	01/23/24 10:19	01/25/24 08:16	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (3') Lab Sample ID: 880-38285-18
Date Collected: 01/18/24 00:00 Matrix: Solid
Date Received: 01/22/24 16:45

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			01/25/24 08:16	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.7	U	49.7		mg/Kg			01/24/24 17:56	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/24/24 08:40	01/24/24 17:56	1	
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/24/24 08:40	01/24/24 17:56	1	
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/24/24 08:40	01/24/24 17:56	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	70		70 - 130				01/24/24 08:40	01/24/24 17:56	1	
o-Terphenyl	71		70 - 130				01/24/24 08:40	01/24/24 17:56	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	14.4		4.95		mg/Kg			01/26/24 02:42	1	

Client Sample ID: T-3 (4') Lab Sample ID: 880-38285-19
Date Collected: 01/18/24 00:00 Matrix: Solid
Date Received: 01/22/24 16:45

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		01/23/24 10:19	01/25/24 08:36	1
Toluene	<0.00200	U *-	0.00200		mg/Kg		01/23/24 10:19	01/25/24 08:36	1
Ethylbenzene	<0.00200	U *-	0.00200		mg/Kg		01/23/24 10:19	01/25/24 08:36	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/23/24 10:19	01/25/24 08:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:19	01/25/24 08:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/23/24 10:19	01/25/24 08:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				01/23/24 10:19	01/25/24 08:36	1
1,4-Difluorobenzene (Surr)	121		70 - 130				01/23/24 10:19	01/25/24 08:36	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			01/25/24 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/24/24 18:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/24/24 08:40	01/24/24 18:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/24/24 08:40	01/24/24 18:21	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (4')

Lab Sample ID: 880-38285-19

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/24/24 08:40	01/24/24 18:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				01/24/24 08:40	01/24/24 18:21	1
o-Terphenyl	78		70 - 130				01/24/24 08:40	01/24/24 18:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	139		4.99		mg/Kg			01/26/24 02:59	1

Client Sample ID: T-3 (5')

Lab Sample ID: 880-38285-20

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:19	01/25/24 08:57	1
Toluene	<0.00199	U *	0.00199		mg/Kg		01/23/24 10:19	01/25/24 08:57	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		01/23/24 10:19	01/25/24 08:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 10:19	01/25/24 08:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:19	01/25/24 08:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 10:19	01/25/24 08:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				01/23/24 10:19	01/25/24 08:57	1
1,4-Difluorobenzene (Surr)	123		70 - 130				01/23/24 10:19	01/25/24 08:57	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			01/25/24 08:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			01/24/24 18:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		01/24/24 08:40	01/24/24 18:43	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/24/24 08:40	01/24/24 18:43	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/24/24 08:40	01/24/24 18:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				01/24/24 08:40	01/24/24 18:43	1
o-Terphenyl	76		70 - 130				01/24/24 08:40	01/24/24 18:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.0		5.01		mg/Kg			01/26/24 03:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (0-1')

Lab Sample ID: 880-38285-21

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:21	01/24/24 19:49	1
Toluene	<0.00199	U **	0.00199		mg/Kg		01/23/24 10:21	01/24/24 19:49	1
Ethylbenzene	<0.00199	U **	0.00199		mg/Kg		01/23/24 10:21	01/24/24 19:49	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		01/23/24 10:21	01/24/24 19:49	1
o-Xylene	<0.00199	U ** *1	0.00199		mg/Kg		01/23/24 10:21	01/24/24 19:49	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		01/23/24 10:21	01/24/24 19:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	202	S1+	70 - 130	01/23/24 10:21	01/24/24 19:49	1
1,4-Difluorobenzene (Surr)	128		70 - 130	01/23/24 10:21	01/24/24 19:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/24/24 19:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	59.4		49.7		mg/Kg			01/24/24 20:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U F1 F2	49.7		mg/Kg		01/24/24 08:44	01/24/24 20:40	1
Diesel Range Organics (Over C10-C28)	59.4	F2 F1	49.7		mg/Kg		01/24/24 08:44	01/24/24 20:40	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/24/24 08:44	01/24/24 20:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	01/24/24 08:44	01/24/24 20:40	1
o-Terphenyl	76		70 - 130	01/24/24 08:44	01/24/24 20:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14800		100		mg/Kg			01/26/24 03:11	20

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-38285-22

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:21	01/24/24 20:16	1
Toluene	<0.00200	U **	0.00200		mg/Kg		01/23/24 10:21	01/24/24 20:16	1
Ethylbenzene	<0.00200	U **	0.00200		mg/Kg		01/23/24 10:21	01/24/24 20:16	1
m-Xylene & p-Xylene	<0.00399	U **	0.00399		mg/Kg		01/23/24 10:21	01/24/24 20:16	1
o-Xylene	<0.00200	U ** *1	0.00200		mg/Kg		01/23/24 10:21	01/24/24 20:16	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		01/23/24 10:21	01/24/24 20:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	235	S1+	70 - 130	01/23/24 10:21	01/24/24 20:16	1
1,4-Difluorobenzene (Surr)	104		70 - 130	01/23/24 10:21	01/24/24 20:16	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (1.5') Lab Sample ID: 880-38285-22
Date Collected: 01/18/24 00:00 Matrix: Solid
Date Received: 01/22/24 16:45

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			01/24/24 20:16	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.1	U	50.1		mg/Kg			01/24/24 21:49	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/24/24 08:44	01/24/24 21:49	1	
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/24/24 08:44	01/24/24 21:49	1	
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/24/24 08:44	01/24/24 21:49	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	77		70 - 130				01/24/24 08:44	01/24/24 21:49	1	
o-Terphenyl	84		70 - 130				01/24/24 08:44	01/24/24 21:49	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	4460		25.2		mg/Kg			01/26/24 03:16	5	

Client Sample ID: T-4 (2') Lab Sample ID: 880-38285-23
Date Collected: 01/18/24 00:00 Matrix: Solid
Date Received: 01/22/24 16:45

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		01/23/24 10:21	01/24/24 20:42	1	
Toluene	<0.00201	U *	0.00201		mg/Kg		01/23/24 10:21	01/24/24 20:42	1	
Ethylbenzene	<0.00201	U *	0.00201		mg/Kg		01/23/24 10:21	01/24/24 20:42	1	
m-Xylene & p-Xylene	<0.00402	U *	0.00402		mg/Kg		01/23/24 10:21	01/24/24 20:42	1	
o-Xylene	<0.00201	U * *	0.00201		mg/Kg		01/23/24 10:21	01/24/24 20:42	1	
Xylenes, Total	<0.00402	U *	0.00402		mg/Kg		01/23/24 10:21	01/24/24 20:42	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				01/23/24 10:21	01/24/24 20:42	1	
1,4-Difluorobenzene (Surr)	113		70 - 130				01/23/24 10:21	01/24/24 20:42	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			01/24/24 20:42	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.5	U	50.5		mg/Kg			01/24/24 22:12	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/24/24 08:44	01/24/24 22:12	1	
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/24/24 08:44	01/24/24 22:12	1	

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (2')

Lab Sample ID: 880-38285-23

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/24/24 08:44	01/24/24 22:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				01/24/24 08:44	01/24/24 22:12	1
o-Terphenyl	94		70 - 130				01/24/24 08:44	01/24/24 22:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5770		50.2		mg/Kg			01/26/24 03:22	10

Client Sample ID: T-4 (3')

Lab Sample ID: 880-38285-24

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:21	01/24/24 21:08	1
Toluene	<0.00199	U *	0.00199		mg/Kg		01/23/24 10:21	01/24/24 21:08	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		01/23/24 10:21	01/24/24 21:08	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		01/23/24 10:21	01/24/24 21:08	1
o-Xylene	<0.00199	U * *	0.00199		mg/Kg		01/23/24 10:21	01/24/24 21:08	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		01/23/24 10:21	01/24/24 21:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	194	S1+	70 - 130				01/23/24 10:21	01/24/24 21:08	1
1,4-Difluorobenzene (Surr)	113		70 - 130				01/23/24 10:21	01/24/24 21:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/24/24 21:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/24/24 22:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/24/24 08:44	01/24/24 22:36	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/24/24 08:44	01/24/24 22:36	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/24/24 08:44	01/24/24 22:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				01/24/24 08:44	01/24/24 22:36	1
o-Terphenyl	76		70 - 130				01/24/24 08:44	01/24/24 22:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5140	F1	50.3		mg/Kg			01/26/24 03:28	10

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (4')

Lab Sample ID: 880-38285-25

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:21	01/24/24 21:35	1
Toluene	<0.00199	U **	0.00199		mg/Kg		01/23/24 10:21	01/24/24 21:35	1
Ethylbenzene	<0.00199	U **	0.00199		mg/Kg		01/23/24 10:21	01/24/24 21:35	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		01/23/24 10:21	01/24/24 21:35	1
o-Xylene	<0.00199	U ** *1	0.00199		mg/Kg		01/23/24 10:21	01/24/24 21:35	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		01/23/24 10:21	01/24/24 21:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	185	S1+	70 - 130	01/23/24 10:21	01/24/24 21:35	1
1,4-Difluorobenzene (Surr)	89		70 - 130	01/23/24 10:21	01/24/24 21:35	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			01/24/24 21:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/24/24 23:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/24/24 08:44	01/24/24 23:00	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/24/24 08:44	01/24/24 23:00	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/24/24 08:44	01/24/24 23:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	01/24/24 08:44	01/24/24 23:00	1
o-Terphenyl	80		70 - 130	01/24/24 08:44	01/24/24 23:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	371		4.98		mg/Kg			01/26/24 03:44	1

Client Sample ID: T-4 (5')

Lab Sample ID: 880-38285-26

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:21	01/24/24 22:01	1
Toluene	<0.00200	U **	0.00200		mg/Kg		01/23/24 10:21	01/24/24 22:01	1
Ethylbenzene	<0.00200	U **	0.00200		mg/Kg		01/23/24 10:21	01/24/24 22:01	1
m-Xylene & p-Xylene	<0.00399	U **	0.00399		mg/Kg		01/23/24 10:21	01/24/24 22:01	1
o-Xylene	<0.00200	U ** *1	0.00200		mg/Kg		01/23/24 10:21	01/24/24 22:01	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		01/23/24 10:21	01/24/24 22:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	249	S1+	70 - 130	01/23/24 10:21	01/24/24 22:01	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/23/24 10:21	01/24/24 22:01	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (5')

Lab Sample ID: 880-38285-26

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/24/24 22:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			01/24/24 23:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		01/24/24 08:44	01/24/24 23:23	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/24/24 08:44	01/24/24 23:23	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/24/24 08:44	01/24/24 23:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				01/24/24 08:44	01/24/24 23:23	1
o-Terphenyl	78		70 - 130				01/24/24 08:44	01/24/24 23:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.05		4.97		mg/Kg			01/26/24 03:50	1

Client Sample ID: T-5 (0-1')

Lab Sample ID: 880-38285-27

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:21	01/24/24 22:28	1
Toluene	<0.00201	U **	0.00201		mg/Kg		01/23/24 10:21	01/24/24 22:28	1
Ethylbenzene	<0.00201	U **	0.00201		mg/Kg		01/23/24 10:21	01/24/24 22:28	1
m-Xylene & p-Xylene	<0.00402	U **	0.00402		mg/Kg		01/23/24 10:21	01/24/24 22:28	1
o-Xylene	<0.00201	U ** *1	0.00201		mg/Kg		01/23/24 10:21	01/24/24 22:28	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		01/23/24 10:21	01/24/24 22:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	271	S1+	70 - 130				01/23/24 10:21	01/24/24 22:28	1
1,4-Difluorobenzene (Surr)	119		70 - 130				01/23/24 10:21	01/24/24 22:28	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			01/24/24 22:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			01/24/24 23:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		01/24/24 08:44	01/24/24 23:44	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/24/24 08:44	01/24/24 23:44	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (0-1')

Lab Sample ID: 880-38285-27

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/24/24 08:44	01/24/24 23:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				01/24/24 08:44	01/24/24 23:44	1
o-Terphenyl	82		70 - 130				01/24/24 08:44	01/24/24 23:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1430		25.2		mg/Kg			01/26/24 04:07	5

Client Sample ID: T-5 (1.5')

Lab Sample ID: 880-38285-28

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:21	01/24/24 22:54	1
Toluene	<0.00200	U **	0.00200		mg/Kg		01/23/24 10:21	01/24/24 22:54	1
Ethylbenzene	<0.00200	U **	0.00200		mg/Kg		01/23/24 10:21	01/24/24 22:54	1
m-Xylene & p-Xylene	<0.00401	U **	0.00401		mg/Kg		01/23/24 10:21	01/24/24 22:54	1
o-Xylene	<0.00200	U ** *1	0.00200		mg/Kg		01/23/24 10:21	01/24/24 22:54	1
Xylenes, Total	<0.00401	U **	0.00401		mg/Kg		01/23/24 10:21	01/24/24 22:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	224	S1+	70 - 130				01/23/24 10:21	01/24/24 22:54	1
1,4-Difluorobenzene (Surr)	120		70 - 130				01/23/24 10:21	01/24/24 22:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/24/24 22:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/25/24 00:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/24/24 08:44	01/25/24 00:06	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/24/24 08:44	01/25/24 00:06	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/24/24 08:44	01/25/24 00:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				01/24/24 08:44	01/25/24 00:06	1
o-Terphenyl	87		70 - 130				01/24/24 08:44	01/25/24 00:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U	5.05		mg/Kg			01/26/24 04:13	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (2')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-29
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U **	0.00202		mg/Kg		01/23/24 10:21	01/24/24 23:21	1
Toluene	<0.00202	U **	0.00202		mg/Kg		01/23/24 10:21	01/24/24 23:21	1
Ethylbenzene	<0.00202	U **	0.00202		mg/Kg		01/23/24 10:21	01/24/24 23:21	1
m-Xylene & p-Xylene	<0.00403	U **	0.00403		mg/Kg		01/23/24 10:21	01/24/24 23:21	1
o-Xylene	<0.00202	U ** *1	0.00202		mg/Kg		01/23/24 10:21	01/24/24 23:21	1
Xylenes, Total	<0.00403	U **	0.00403		mg/Kg		01/23/24 10:21	01/24/24 23:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	228	S1+	70 - 130				01/23/24 10:21	01/24/24 23:21	1
1,4-Difluorobenzene (Surr)	124		70 - 130				01/23/24 10:21	01/24/24 23:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/24/24 23:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			01/25/24 00:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		01/24/24 08:44	01/25/24 00:27	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/24/24 08:44	01/25/24 00:27	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/24/24 08:44	01/25/24 00:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				01/24/24 08:44	01/25/24 00:27	1
o-Terphenyl	79		70 - 130				01/24/24 08:44	01/25/24 00:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			01/26/24 04:18	1

Client Sample ID: T-5 (3')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-30
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/26/24 08:59	01/26/24 18:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/26/24 08:59	01/26/24 18:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/24 08:59	01/26/24 18:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/26/24 08:59	01/26/24 18:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/24 08:59	01/26/24 18:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/26/24 08:59	01/26/24 18:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				01/26/24 08:59	01/26/24 18:54	1
1,4-Difluorobenzene (Surr)	82		70 - 130				01/26/24 08:59	01/26/24 18:54	1

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (3')

Lab Sample ID: 880-38285-30

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/26/24 18:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/25/24 00:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/24/24 08:44	01/25/24 00:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/24/24 08:44	01/25/24 00:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/24/24 08:44	01/25/24 00:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				01/24/24 08:44	01/25/24 00:48	1
o-Terphenyl	82		70 - 130				01/24/24 08:44	01/25/24 00:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.0		5.01		mg/Kg			01/26/24 04:24	1

Client Sample ID: T-5 (4')

Lab Sample ID: 880-38285-31

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/26/24 11:23	01/29/24 01:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/26/24 11:23	01/29/24 01:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/24 11:23	01/29/24 01:05	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/26/24 11:23	01/29/24 01:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/24 11:23	01/29/24 01:05	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/26/24 11:23	01/29/24 01:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				01/26/24 11:23	01/29/24 01:05	1
1,4-Difluorobenzene (Surr)	77		70 - 130				01/26/24 11:23	01/29/24 01:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/29/24 01:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/25/24 01:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/24/24 08:44	01/25/24 01:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/24/24 08:44	01/25/24 01:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (4')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-31
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/24/24 08:44	01/25/24 01:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				01/24/24 08:44	01/25/24 01:29	1
o-Terphenyl	85		70 - 130				01/24/24 08:44	01/25/24 01:29	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.6		4.99		mg/Kg			01/26/24 04:30	1

Client Sample ID: T-5 (5')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-32
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/26/24 11:23	01/29/24 01:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/26/24 11:23	01/29/24 01:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/26/24 11:23	01/29/24 01:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/26/24 11:23	01/29/24 01:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/26/24 11:23	01/29/24 01:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/26/24 11:23	01/29/24 01:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				01/26/24 11:23	01/29/24 01:25	1
1,4-Difluorobenzene (Surr)	72		70 - 130				01/26/24 11:23	01/29/24 01:25	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/29/24 01:25	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/25/24 01:50	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/24/24 08:44	01/25/24 01:50	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/24/24 08:44	01/25/24 01:50	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/24/24 08:44	01/25/24 01:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				01/24/24 08:44	01/25/24 01:50	1
o-Terphenyl	82		70 - 130				01/24/24 08:44	01/25/24 01:50	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	127		5.00		mg/Kg			01/26/24 04:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (0-1')

Lab Sample ID: 880-38285-33

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/26/24 11:23	01/29/24 01:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/26/24 11:23	01/29/24 01:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/24 11:23	01/29/24 01:46	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/26/24 11:23	01/29/24 01:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/24 11:23	01/29/24 01:46	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/26/24 11:23	01/29/24 01:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	01/26/24 11:23	01/29/24 01:46	1
1,4-Difluorobenzene (Surr)	79		70 - 130	01/26/24 11:23	01/29/24 01:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/29/24 01:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			01/25/24 02:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		01/24/24 08:44	01/25/24 02:10	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/24/24 08:44	01/25/24 02:10	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/24/24 08:44	01/25/24 02:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	01/24/24 08:44	01/25/24 02:10	1
o-Terphenyl	83		70 - 130	01/24/24 08:44	01/25/24 02:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7980		50.2		mg/Kg			01/26/24 04:41	10

Client Sample ID: T-6 (1.5')

Lab Sample ID: 880-38285-34

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/26/24 11:23	01/29/24 02:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/26/24 11:23	01/29/24 02:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/26/24 11:23	01/29/24 02:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/26/24 11:23	01/29/24 02:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/26/24 11:23	01/29/24 02:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/26/24 11:23	01/29/24 02:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	01/26/24 11:23	01/29/24 02:06	1
1,4-Difluorobenzene (Surr)	72		70 - 130	01/26/24 11:23	01/29/24 02:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (1.5')

Lab Sample ID: 880-38285-34

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/29/24 02:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/25/24 02:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/24/24 08:44	01/25/24 02:32	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/24/24 08:44	01/25/24 02:32	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/24/24 08:44	01/25/24 02:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				01/24/24 08:44	01/25/24 02:32	1
o-Terphenyl	86		70 - 130				01/24/24 08:44	01/25/24 02:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2290	F1	25.3		mg/Kg			01/26/24 05:26	5

Client Sample ID: T-6 (2')

Lab Sample ID: 880-38285-35

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/26/24 11:23	01/29/24 02:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/26/24 11:23	01/29/24 02:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/26/24 11:23	01/29/24 02:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/26/24 11:23	01/29/24 02:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/26/24 11:23	01/29/24 02:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/26/24 11:23	01/29/24 02:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130				01/26/24 11:23	01/29/24 02:26	1
1,4-Difluorobenzene (Surr)	75		70 - 130				01/26/24 11:23	01/29/24 02:26	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			01/29/24 02:26	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			01/25/24 02:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/24/24 08:44	01/25/24 02:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/24/24 08:44	01/25/24 02:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (2')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-35
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/24/24 08:44	01/25/24 02:54	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	86		70 - 130				01/24/24 08:44	01/25/24 02:54	1	
o-Terphenyl	88		70 - 130				01/24/24 08:44	01/25/24 02:54	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		4.98		mg/Kg			01/26/24 05:43	1	

Client Sample ID: T-6 (3')

Lab Sample ID: 880-38285-36

Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00199	U	0.00199		mg/Kg		01/26/24 08:59	01/26/24 19:15	1	
Toluene	<0.00199	U	0.00199		mg/Kg		01/26/24 08:59	01/26/24 19:15	1	
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/26/24 08:59	01/26/24 19:15	1	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/26/24 08:59	01/26/24 19:15	1	
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/26/24 08:59	01/26/24 19:15	1	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/26/24 08:59	01/26/24 19:15	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	97		70 - 130				01/26/24 08:59	01/26/24 19:15	1	
1,4-Difluorobenzene (Surr)	83		70 - 130				01/26/24 08:59	01/26/24 19:15	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			01/26/24 19:15	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.2	U	50.2		mg/Kg			01/25/24 03:15	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/24/24 08:44	01/25/24 03:15	1	
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/24/24 08:44	01/25/24 03:15	1	
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/24/24 08:44	01/25/24 03:15	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	82		70 - 130				01/24/24 08:44	01/25/24 03:15	1	
o-Terphenyl	80		70 - 130				01/24/24 08:44	01/25/24 03:15	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	7.14		4.97		mg/Kg			01/26/24 05:49	1	

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (4')

Lab Sample ID: 880-38285-37

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/26/24 08:59	01/26/24 19:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/26/24 08:59	01/26/24 19:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/26/24 08:59	01/26/24 19:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/26/24 08:59	01/26/24 19:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/26/24 08:59	01/26/24 19:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/26/24 08:59	01/26/24 19:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	01/26/24 08:59	01/26/24 19:35	1
1,4-Difluorobenzene (Surr)	90		70 - 130	01/26/24 08:59	01/26/24 19:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/26/24 19:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			01/25/24 03:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		01/24/24 08:44	01/25/24 03:36	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/24/24 08:44	01/25/24 03:36	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/24/24 08:44	01/25/24 03:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	01/24/24 08:44	01/25/24 03:36	1
o-Terphenyl	91		70 - 130	01/24/24 08:44	01/25/24 03:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.31		4.97		mg/Kg			01/26/24 05:54	1

Client Sample ID: T-6 (5')

Lab Sample ID: 880-38285-38

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/26/24 08:59	01/26/24 19:56	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/26/24 08:59	01/26/24 19:56	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/26/24 08:59	01/26/24 19:56	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/26/24 08:59	01/26/24 19:56	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/26/24 08:59	01/26/24 19:56	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/26/24 08:59	01/26/24 19:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	01/26/24 08:59	01/26/24 19:56	1
1,4-Difluorobenzene (Surr)	87		70 - 130	01/26/24 08:59	01/26/24 19:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (5')

Lab Sample ID: 880-38285-38

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/26/24 19:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/25/24 03:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/24/24 08:44	01/25/24 03:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/24/24 08:44	01/25/24 03:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/24/24 08:44	01/25/24 03:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				01/24/24 08:44	01/25/24 03:57	1
o-Terphenyl	90		70 - 130				01/24/24 08:44	01/25/24 03:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	156		5.03		mg/Kg			01/26/24 06:00	1

Client Sample ID: T-7 (0-1')

Lab Sample ID: 880-38285-39

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/26/24 08:59	01/26/24 20:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/26/24 08:59	01/26/24 20:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/24 08:59	01/26/24 20:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/26/24 08:59	01/26/24 20:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/24 08:59	01/26/24 20:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/26/24 08:59	01/26/24 20:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				01/26/24 08:59	01/26/24 20:16	1
1,4-Difluorobenzene (Surr)	91		70 - 130				01/26/24 08:59	01/26/24 20:16	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			01/26/24 20:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/25/24 04:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/24/24 08:44	01/25/24 04:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/24/24 08:44	01/25/24 04:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (0-1')

Lab Sample ID: 880-38285-39

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/24/24 08:44	01/25/24 04:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				01/24/24 08:44	01/25/24 04:18	1
o-Terphenyl	86		70 - 130				01/24/24 08:44	01/25/24 04:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5560		50.2		mg/Kg			01/26/24 06:17	10

Client Sample ID: T-7 (1.5')

Lab Sample ID: 880-38285-40

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/26/24 08:59	01/26/24 20:37	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/26/24 08:59	01/26/24 20:37	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/26/24 08:59	01/26/24 20:37	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		01/26/24 08:59	01/26/24 20:37	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/26/24 08:59	01/26/24 20:37	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/26/24 08:59	01/26/24 20:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				01/26/24 08:59	01/26/24 20:37	1
1,4-Difluorobenzene (Surr)	87		70 - 130				01/26/24 08:59	01/26/24 20:37	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			01/26/24 20:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/25/24 04:39	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		01/24/24 08:44	01/25/24 04:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/24/24 08:44	01/25/24 04:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/24/24 08:44	01/25/24 04:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				01/24/24 08:44	01/25/24 04:39	1
o-Terphenyl	85		70 - 130				01/24/24 08:44	01/25/24 04:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	308		5.01		mg/Kg			01/26/24 06:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (2')

Lab Sample ID: 880-38285-41

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:25	01/25/24 21:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:25	01/25/24 21:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:25	01/25/24 21:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 10:25	01/25/24 21:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:25	01/25/24 21:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 10:25	01/25/24 21:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	01/23/24 10:25	01/25/24 21:15	1
1,4-Difluorobenzene (Surr)	128		70 - 130	01/23/24 10:25	01/25/24 21:15	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			01/25/24 21:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			01/24/24 20:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	49.5		mg/Kg		01/24/24 08:49	01/24/24 20:40	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		01/24/24 08:49	01/24/24 20:40	1
Oil Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		01/24/24 08:49	01/24/24 20:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	01/24/24 08:49	01/24/24 20:40	1
o-Terphenyl	112		70 - 130	01/24/24 08:49	01/24/24 20:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.58		4.98		mg/Kg			01/26/24 06:28	1

Client Sample ID: T-7 (3')

Lab Sample ID: 880-38285-42

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:25	01/25/24 21:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/25/24 21:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/25/24 21:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/23/24 10:25	01/25/24 21:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/25/24 21:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/23/24 10:25	01/25/24 21:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	01/23/24 10:25	01/25/24 21:40	1
1,4-Difluorobenzene (Surr)	105		70 - 130	01/23/24 10:25	01/25/24 21:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (3')

Lab Sample ID: 880-38285-42

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/25/24 21:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/24/24 21:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/24/24 08:49	01/24/24 21:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/24/24 08:49	01/24/24 21:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/24/24 08:49	01/24/24 21:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				01/24/24 08:49	01/24/24 21:49	1
o-Terphenyl	97		70 - 130				01/24/24 08:49	01/24/24 21:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.3		4.96		mg/Kg			01/26/24 06:34	1

Client Sample ID: T-7 (4')

Lab Sample ID: 880-38285-43

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:25	01/25/24 22:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:25	01/25/24 22:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:25	01/25/24 22:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/23/24 10:25	01/25/24 22:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:25	01/25/24 22:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/23/24 10:25	01/25/24 22:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				01/23/24 10:25	01/25/24 22:06	1
1,4-Difluorobenzene (Surr)	73		70 - 130				01/23/24 10:25	01/25/24 22:06	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			01/25/24 22:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/24/24 22:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/24/24 08:49	01/24/24 22:12	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/24/24 08:49	01/24/24 22:12	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (4')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-43
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/24/24 08:49	01/24/24 22:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				01/24/24 08:49	01/24/24 22:12	1
o-Terphenyl	111		70 - 130				01/24/24 08:49	01/24/24 22:12	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.9		5.05		mg/Kg			01/26/24 06:39	1

Client Sample ID: T-7 (5')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-44
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/25/24 22:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/25/24 22:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/25/24 22:32	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/23/24 10:25	01/25/24 22:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/25/24 22:32	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/23/24 10:25	01/25/24 22:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				01/23/24 10:25	01/25/24 22:32	1
1,4-Difluorobenzene (Surr)	116		70 - 130				01/23/24 10:25	01/25/24 22:32	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			01/25/24 22:32	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			01/24/24 22:36	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		01/24/24 08:49	01/24/24 22:36	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/24/24 08:49	01/24/24 22:36	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/24/24 08:49	01/24/24 22:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				01/24/24 08:49	01/24/24 22:36	1
o-Terphenyl	109		70 - 130				01/24/24 08:49	01/24/24 22:36	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.75		5.03		mg/Kg			01/26/24 06:45	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (0-1')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-45
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:25	01/25/24 22:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:25	01/25/24 22:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:25	01/25/24 22:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 10:25	01/25/24 22:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:25	01/25/24 22:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 10:25	01/25/24 22:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				01/23/24 10:25	01/25/24 22:58	1
1,4-Difluorobenzene (Surr)	116		70 - 130				01/23/24 10:25	01/25/24 22:58	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			01/25/24 22:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			01/24/24 23:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		01/24/24 08:49	01/24/24 23:00	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/24/24 08:49	01/24/24 23:00	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/24/24 08:49	01/24/24 23:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				01/24/24 08:49	01/24/24 23:00	1
o-Terphenyl	105		70 - 130				01/24/24 08:49	01/24/24 23:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5110		49.9		mg/Kg			01/26/24 07:02	10

Client Sample ID: T-8 (1.5')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-46
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/23/24 10:25	01/25/24 23:24	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/23/24 10:25	01/25/24 23:24	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/23/24 10:25	01/25/24 23:24	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/23/24 10:25	01/25/24 23:24	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/23/24 10:25	01/25/24 23:24	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/23/24 10:25	01/25/24 23:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				01/23/24 10:25	01/25/24 23:24	1
1,4-Difluorobenzene (Surr)	107		70 - 130				01/23/24 10:25	01/25/24 23:24	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (1.5')

Lab Sample ID: 880-38285-46

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/25/24 23:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/24/24 23:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/24/24 08:49	01/24/24 23:23	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/24/24 08:49	01/24/24 23:23	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/24/24 08:49	01/24/24 23:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				01/24/24 08:49	01/24/24 23:23	1
o-Terphenyl	96		70 - 130				01/24/24 08:49	01/24/24 23:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5780		50.1		mg/Kg			01/26/24 07:08	10

Client Sample ID: T-8 (2')

Lab Sample ID: 880-38285-47

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:25	01/25/24 23:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:25	01/25/24 23:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:25	01/25/24 23:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 10:25	01/25/24 23:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:25	01/25/24 23:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 10:25	01/25/24 23:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				01/23/24 10:25	01/25/24 23:49	1
1,4-Difluorobenzene (Surr)	105		70 - 130				01/23/24 10:25	01/25/24 23:49	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			01/25/24 23:49	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			01/24/24 23:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		01/24/24 08:49	01/24/24 23:44	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/24/24 08:49	01/24/24 23:44	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (2')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-47
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/24/24 08:49	01/24/24 23:44	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	94		70 - 130				01/24/24 08:49	01/24/24 23:44	1	
o-Terphenyl	114		70 - 130				01/24/24 08:49	01/24/24 23:44	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	6590		50.2		mg/Kg			01/26/24 07:25	10	

Client Sample ID: T-8 (3')

Lab Sample ID: 880-38285-48

Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/26/24 00:15	1	
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/26/24 00:15	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/26/24 00:15	1	
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/23/24 10:25	01/26/24 00:15	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/26/24 00:15	1	
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/23/24 10:25	01/26/24 00:15	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	115		70 - 130				01/23/24 10:25	01/26/24 00:15	1	
1,4-Difluorobenzene (Surr)	107		70 - 130				01/23/24 10:25	01/26/24 00:15	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			01/26/24 00:15	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.3	U	50.3		mg/Kg			01/25/24 00:06	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		01/24/24 08:49	01/25/24 00:06	1	
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/24/24 08:49	01/25/24 00:06	1	
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/24/24 08:49	01/25/24 00:06	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	101		70 - 130				01/24/24 08:49	01/25/24 00:06	1	
o-Terphenyl	122		70 - 130				01/24/24 08:49	01/25/24 00:06	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	6830		49.8		mg/Kg			01/26/24 07:30	10	

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (4')

Lab Sample ID: 880-38285-49

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:25	01/26/24 00:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:25	01/26/24 00:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:25	01/26/24 00:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/23/24 10:25	01/26/24 00:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:25	01/26/24 00:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/23/24 10:25	01/26/24 00:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/23/24 10:25	01/26/24 00:41	1
1,4-Difluorobenzene (Surr)	88		70 - 130	01/23/24 10:25	01/26/24 00:41	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			01/26/24 00:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/25/24 00:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/24/24 08:49	01/25/24 00:27	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/24/24 08:49	01/25/24 00:27	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/24/24 08:49	01/25/24 00:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	01/24/24 08:49	01/25/24 00:27	1
o-Terphenyl	112		70 - 130	01/24/24 08:49	01/25/24 00:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8150		50.5		mg/Kg			01/26/24 07:36	10

Client Sample ID: T-8 (5')

Lab Sample ID: 880-38285-50

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:25	01/26/24 01:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/26/24 01:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/26/24 01:06	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/23/24 10:25	01/26/24 01:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/26/24 01:06	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/23/24 10:25	01/26/24 01:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	01/23/24 10:25	01/26/24 01:06	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/23/24 10:25	01/26/24 01:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (5')

Lab Sample ID: 880-38285-50

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/26/24 01:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/25/24 00:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/24/24 08:49	01/25/24 00:48	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/24/24 08:49	01/25/24 00:48	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/24/24 08:49	01/25/24 00:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				01/24/24 08:49	01/25/24 00:48	1
o-Terphenyl	113		70 - 130				01/24/24 08:49	01/25/24 00:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7430		50.0		mg/Kg			01/26/24 07:41	10

Client Sample ID: T-8 (6')

Lab Sample ID: 880-38285-51

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:25	01/26/24 02:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:25	01/26/24 02:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:25	01/26/24 02:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 10:25	01/26/24 02:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:25	01/26/24 02:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 10:25	01/26/24 02:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				01/23/24 10:25	01/26/24 02:50	1
1,4-Difluorobenzene (Surr)	104		70 - 130				01/23/24 10:25	01/26/24 02:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/26/24 02:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			01/25/24 01:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		01/24/24 08:49	01/25/24 01:29	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/24/24 08:49	01/25/24 01:29	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (6')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-51
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/24/24 08:49	01/25/24 01:29	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	85		70 - 130				01/24/24 08:49	01/25/24 01:29	1	
o-Terphenyl	99		70 - 130				01/24/24 08:49	01/25/24 01:29	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	9.34		5.04		mg/Kg			01/26/24 07:47	1	

Client Sample ID: T-9 (0-1')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-52
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00198	U	0.00198		mg/Kg		01/23/24 10:25	01/26/24 03:16	1	
Toluene	<0.00198	U	0.00198		mg/Kg		01/23/24 10:25	01/26/24 03:16	1	
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/23/24 10:25	01/26/24 03:16	1	
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/23/24 10:25	01/26/24 03:16	1	
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/23/24 10:25	01/26/24 03:16	1	
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/23/24 10:25	01/26/24 03:16	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	116		70 - 130				01/23/24 10:25	01/26/24 03:16	1	
1,4-Difluorobenzene (Surr)	97		70 - 130				01/23/24 10:25	01/26/24 03:16	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			01/26/24 03:16	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.5	U	50.5		mg/Kg			01/25/24 01:50	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/24/24 08:49	01/25/24 01:50	1	
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/24/24 08:49	01/25/24 01:50	1	
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/24/24 08:49	01/25/24 01:50	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	80		70 - 130				01/24/24 08:49	01/25/24 01:50	1	
o-Terphenyl	95		70 - 130				01/24/24 08:49	01/25/24 01:50	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	5220		50.4		mg/Kg			01/26/24 07:53	10	

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-9 (1.5')

Lab Sample ID: 880-38285-53

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:25	01/26/24 03:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:25	01/26/24 03:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:25	01/26/24 03:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 10:25	01/26/24 03:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:25	01/26/24 03:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 10:25	01/26/24 03:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	01/23/24 10:25	01/26/24 03:42	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/23/24 10:25	01/26/24 03:42	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			01/26/24 03:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			01/25/24 02:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		01/24/24 08:49	01/25/24 02:10	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/24/24 08:49	01/25/24 02:10	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/24/24 08:49	01/25/24 02:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	01/24/24 08:49	01/25/24 02:10	1
o-Terphenyl	102		70 - 130	01/24/24 08:49	01/25/24 02:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5080		50.2		mg/Kg			01/26/24 07:58	10

Client Sample ID: T-9 (2')

Lab Sample ID: 880-38285-54

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:25	01/26/24 04:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/26/24 04:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/26/24 04:08	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/23/24 10:25	01/26/24 04:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/26/24 04:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/23/24 10:25	01/26/24 04:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	01/23/24 10:25	01/26/24 04:08	1
1,4-Difluorobenzene (Surr)	72		70 - 130	01/23/24 10:25	01/26/24 04:08	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-9 (2')

Lab Sample ID: 880-38285-54

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/26/24 04:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/25/24 02:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/24/24 08:49	01/25/24 02:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/24/24 08:49	01/25/24 02:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/24/24 08:49	01/25/24 02:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				01/24/24 08:49	01/25/24 02:32	1
o-Terphenyl	105		70 - 130				01/24/24 08:49	01/25/24 02:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6290	F1	50.2		mg/Kg			01/26/24 08:36	10

Client Sample ID: T-9 (3')

Lab Sample ID: 880-38285-55

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:25	01/26/24 04:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/26/24 04:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/26/24 04:34	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/23/24 10:25	01/26/24 04:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/26/24 04:34	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/23/24 10:25	01/26/24 04:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				01/23/24 10:25	01/26/24 04:34	1
1,4-Difluorobenzene (Surr)	111		70 - 130				01/23/24 10:25	01/26/24 04:34	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			01/26/24 04:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/25/24 02:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/24/24 08:49	01/25/24 02:54	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/24/24 08:49	01/25/24 02:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-9 (3')

Lab Sample ID: 880-38285-55

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/24/24 08:49	01/25/24 02:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				01/24/24 08:49	01/25/24 02:54	1
o-Terphenyl	108		70 - 130				01/24/24 08:49	01/25/24 02:54	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9540		49.6		mg/Kg			01/26/24 08:51	10

Client Sample ID: T-9 (4')

Lab Sample ID: 880-38285-56

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:25	01/26/24 04:59	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/23/24 10:25	01/26/24 04:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/23/24 10:25	01/26/24 04:59	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/23/24 10:25	01/26/24 04:59	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/23/24 10:25	01/26/24 04:59	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/23/24 10:25	01/26/24 04:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				01/23/24 10:25	01/26/24 04:59	1
1,4-Difluorobenzene (Surr)	100		70 - 130				01/23/24 10:25	01/26/24 04:59	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/26/24 04:59	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			01/25/24 03:15	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	49.5		mg/Kg		01/24/24 08:49	01/25/24 03:15	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		01/24/24 08:49	01/25/24 03:15	1
Oil Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		01/24/24 08:49	01/25/24 03:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				01/24/24 08:49	01/25/24 03:15	1
o-Terphenyl	122		70 - 130				01/24/24 08:49	01/25/24 03:15	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7880		50.1		mg/Kg			01/26/24 08:56	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-9 (5')

Lab Sample ID: 880-38285-57

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:25	01/26/24 05:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:25	01/26/24 05:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:25	01/26/24 05:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 10:25	01/26/24 05:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:25	01/26/24 05:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 10:25	01/26/24 05:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	01/23/24 10:25	01/26/24 05:25	1
1,4-Difluorobenzene (Surr)	137	S1+	70 - 130	01/23/24 10:25	01/26/24 05:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/26/24 05:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			01/25/24 03:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		01/24/24 08:49	01/25/24 03:36	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/24/24 08:49	01/25/24 03:36	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/24/24 08:49	01/25/24 03:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	01/24/24 08:49	01/25/24 03:36	1
o-Terphenyl	111		70 - 130	01/24/24 08:49	01/25/24 03:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6780		49.8		mg/Kg			01/26/24 09:01	10

Client Sample ID: T-9 (6')

Lab Sample ID: 880-38285-58

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:25	01/26/24 05:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:25	01/26/24 05:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:25	01/26/24 05:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/23/24 10:25	01/26/24 05:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:25	01/26/24 05:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/23/24 10:25	01/26/24 05:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	01/23/24 10:25	01/26/24 05:51	1
1,4-Difluorobenzene (Surr)	106		70 - 130	01/23/24 10:25	01/26/24 05:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-9 (6')

Lab Sample ID: 880-38285-58

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/26/24 05:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/25/24 03:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/24/24 08:49	01/25/24 03:57	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/24/24 08:49	01/25/24 03:57	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/24/24 08:49	01/25/24 03:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				01/24/24 08:49	01/25/24 03:57	1
o-Terphenyl	99		70 - 130				01/24/24 08:49	01/25/24 03:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6430		50.2		mg/Kg			01/26/24 09:05	10

Client Sample ID: T-9 (7')

Lab Sample ID: 880-38285-59

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:25	01/26/24 06:17	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/23/24 10:25	01/26/24 06:17	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/23/24 10:25	01/26/24 06:17	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/23/24 10:25	01/26/24 06:17	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/23/24 10:25	01/26/24 06:17	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/23/24 10:25	01/26/24 06:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				01/23/24 10:25	01/26/24 06:17	1
1,4-Difluorobenzene (Surr)	87		70 - 130				01/23/24 10:25	01/26/24 06:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			01/26/24 06:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			01/25/24 04:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		01/24/24 08:49	01/25/24 04:18	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/24/24 08:49	01/25/24 04:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-9 (7')

Lab Sample ID: 880-38285-59

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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)	<50.4	U	50.4		mg/Kg		01/24/24 08:49	01/25/24 04:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				01/24/24 08:49	01/25/24 04:18	1
o-Terphenyl	117		70 - 130				01/24/24 08:49	01/25/24 04:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6800		50.1		mg/Kg			01/26/24 09:20	10

Client Sample ID: T-9 (8')

Lab Sample ID: 880-38285-60

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:25	01/26/24 06:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:25	01/26/24 06:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:25	01/26/24 06:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 10:25	01/26/24 06:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:25	01/26/24 06:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 10:25	01/26/24 06:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				01/23/24 10:25	01/26/24 06:43	1
1,4-Difluorobenzene (Surr)	97		70 - 130				01/23/24 10:25	01/26/24 06:43	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			01/26/24 06:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/25/24 04:39	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	<50.5	U	50.5		mg/Kg		01/24/24 08:49	01/25/24 04:39	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/24/24 08:49	01/25/24 04:39	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/24/24 08:49	01/25/24 04:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				01/24/24 08:49	01/25/24 04:39	1
o-Terphenyl	106		70 - 130				01/24/24 08:49	01/25/24 04:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6790		49.7		mg/Kg			01/26/24 09:25	10

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-9 (9')

Lab Sample ID: 880-38285-61

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:28	01/26/24 02:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:28	01/26/24 02:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:28	01/26/24 02:38	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		01/23/24 10:28	01/26/24 02:38	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		01/23/24 10:28	01/26/24 02:38	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		01/23/24 10:28	01/26/24 02:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	01/23/24 10:28	01/26/24 02:38	1
1,4-Difluorobenzene (Surr)	101		70 - 130	01/23/24 10:28	01/26/24 02:38	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			01/26/24 02:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/25/24 09:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/24/24 08:53	01/25/24 09:58	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/24/24 08:53	01/25/24 09:58	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/24/24 08:53	01/25/24 09:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	01/24/24 08:53	01/25/24 09:58	1
o-Terphenyl	100		70 - 130	01/24/24 08:53	01/25/24 09:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6330		50.2		mg/Kg			01/26/24 09:30	10

Client Sample ID: T-9 (10')

Lab Sample ID: 880-38285-62

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:28	01/26/24 02:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:28	01/26/24 02:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:28	01/26/24 02:58	1
m-Xylene & p-Xylene	<0.00399	U **	0.00399		mg/Kg		01/23/24 10:28	01/26/24 02:58	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		01/23/24 10:28	01/26/24 02:58	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		01/23/24 10:28	01/26/24 02:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	01/23/24 10:28	01/26/24 02:58	1
1,4-Difluorobenzene (Surr)	115		70 - 130	01/23/24 10:28	01/26/24 02:58	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-9 (10')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-62
Matrix: Solid

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			01/26/24 02:58	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			01/25/24 11:07	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		01/24/24 08:53	01/25/24 11:07	1	
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/24/24 08:53	01/25/24 11:07	1	
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/24/24 08:53	01/25/24 11:07	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	86		70 - 130				01/24/24 08:53	01/25/24 11:07	1	
o-Terphenyl	105		70 - 130				01/24/24 08:53	01/25/24 11:07	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	6250		50.1		mg/Kg			01/26/24 09:35	10	

Client Sample ID: T-9 (11')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-63
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00201	U **	0.00201		mg/Kg		01/23/24 10:28	01/26/24 03:19	1	
Toluene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:28	01/26/24 03:19	1	
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:28	01/26/24 03:19	1	
m-Xylene & p-Xylene	<0.00402	U **	0.00402		mg/Kg		01/23/24 10:28	01/26/24 03:19	1	
o-Xylene	<0.00201	U **	0.00201		mg/Kg		01/23/24 10:28	01/26/24 03:19	1	
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		01/23/24 10:28	01/26/24 03:19	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	126		70 - 130				01/23/24 10:28	01/26/24 03:19	1	
1,4-Difluorobenzene (Surr)	111		70 - 130				01/23/24 10:28	01/26/24 03:19	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			01/26/24 03:19	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.7	U	49.7		mg/Kg			01/25/24 11:31	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/24/24 08:53	01/25/24 11:31	1	
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/24/24 08:53	01/25/24 11:31	1	

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-9 (11')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-63
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/24/24 08:53	01/25/24 11:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				01/24/24 08:53	01/25/24 11:31	1
o-Terphenyl	101		70 - 130				01/24/24 08:53	01/25/24 11:31	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.72		5.00		mg/Kg			01/26/24 09:40	1

Client Sample ID: T-10 (0-1')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-64
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U **	0.00199		mg/Kg		01/23/24 10:28	01/26/24 03:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:28	01/26/24 03:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:28	01/26/24 03:39	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		01/23/24 10:28	01/26/24 03:39	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		01/23/24 10:28	01/26/24 03:39	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		01/23/24 10:28	01/26/24 03:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				01/23/24 10:28	01/26/24 03:39	1
1,4-Difluorobenzene (Surr)	112		70 - 130				01/23/24 10:28	01/26/24 03:39	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/26/24 03:39	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			01/25/24 11:55	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		01/24/24 08:53	01/25/24 11:55	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/24/24 08:53	01/25/24 11:55	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/24/24 08:53	01/25/24 11:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				01/24/24 08:53	01/25/24 11:55	1
o-Terphenyl	108		70 - 130				01/24/24 08:53	01/25/24 11:55	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7230	F1	50.1		mg/Kg			01/26/24 09:44	10

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-10 (1.5')

Lab Sample ID: 880-38285-65

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:28	01/26/24 04:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:28	01/26/24 04:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:28	01/26/24 04:00	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		01/23/24 10:28	01/26/24 04:00	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		01/23/24 10:28	01/26/24 04:00	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		01/23/24 10:28	01/26/24 04:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	01/23/24 10:28	01/26/24 04:00	1
1,4-Difluorobenzene (Surr)	116		70 - 130	01/23/24 10:28	01/26/24 04:00	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			01/26/24 04:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			01/25/24 12:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		01/24/24 08:53	01/25/24 12:18	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/24/24 08:53	01/25/24 12:18	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/24/24 08:53	01/25/24 12:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	01/24/24 08:53	01/25/24 12:18	1
o-Terphenyl	118		70 - 130	01/24/24 08:53	01/25/24 12:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3560		25.2		mg/Kg			01/26/24 09:59	5

Client Sample ID: T-10 (2')

Lab Sample ID: 880-38285-66

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:28	01/26/24 04:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:28	01/26/24 04:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:28	01/26/24 04:20	1
m-Xylene & p-Xylene	<0.00399	U **	0.00399		mg/Kg		01/23/24 10:28	01/26/24 04:20	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		01/23/24 10:28	01/26/24 04:20	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		01/23/24 10:28	01/26/24 04:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	01/23/24 10:28	01/26/24 04:20	1
1,4-Difluorobenzene (Surr)	124		70 - 130	01/23/24 10:28	01/26/24 04:20	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-10 (2')

Lab Sample ID: 880-38285-66

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/26/24 04:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			01/25/24 12:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		01/24/24 08:53	01/25/24 12:41	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/24/24 08:53	01/25/24 12:41	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/24/24 08:53	01/25/24 12:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				01/24/24 08:53	01/25/24 12:41	1
o-Terphenyl	106		70 - 130				01/24/24 08:53	01/25/24 12:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4850		49.7		mg/Kg			01/26/24 10:04	10

Client Sample ID: T-10 (3')

Lab Sample ID: 880-38285-67

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:28	01/26/24 04:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:28	01/26/24 04:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:28	01/26/24 04:41	1
m-Xylene & p-Xylene	<0.00402	U **	0.00402		mg/Kg		01/23/24 10:28	01/26/24 04:41	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		01/23/24 10:28	01/26/24 04:41	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		01/23/24 10:28	01/26/24 04:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130				01/23/24 10:28	01/26/24 04:41	1
1,4-Difluorobenzene (Surr)	111		70 - 130				01/23/24 10:28	01/26/24 04:41	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			01/26/24 04:41	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			01/25/24 13:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/24/24 08:53	01/25/24 13:03	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/24/24 08:53	01/25/24 13:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-10 (3')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-67
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/24/24 08:53	01/25/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				01/24/24 08:53	01/25/24 13:03	1
o-Terphenyl	112		70 - 130				01/24/24 08:53	01/25/24 13:03	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5660		49.9		mg/Kg			01/26/24 10:18	10

Client Sample ID: T-10 (4')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-68
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U **	0.00200		mg/Kg		01/23/24 10:28	01/26/24 05:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:28	01/26/24 05:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:28	01/26/24 05:01	1
m-Xylene & p-Xylene	<0.00401	U **	0.00401		mg/Kg		01/23/24 10:28	01/26/24 05:01	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		01/23/24 10:28	01/26/24 05:01	1
Xylenes, Total	<0.00401	U **	0.00401		mg/Kg		01/23/24 10:28	01/26/24 05:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				01/23/24 10:28	01/26/24 05:01	1
1,4-Difluorobenzene (Surr)	119		70 - 130				01/23/24 10:28	01/26/24 05:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/26/24 05:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/25/24 13:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/24/24 08:53	01/25/24 13:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/24/24 08:53	01/25/24 13:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/24/24 08:53	01/25/24 13:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				01/24/24 08:53	01/25/24 13:27	1
o-Terphenyl	107		70 - 130				01/24/24 08:53	01/25/24 13:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	305		5.04		mg/Kg			01/26/24 10:23	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-10 (5')

Lab Sample ID: 880-38285-69

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:28	01/26/24 05:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/23/24 10:28	01/26/24 05:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/23/24 10:28	01/26/24 05:22	1
m-Xylene & p-Xylene	<0.00403	U **	0.00403		mg/Kg		01/23/24 10:28	01/26/24 05:22	1
o-Xylene	<0.00202	U **	0.00202		mg/Kg		01/23/24 10:28	01/26/24 05:22	1
Xylenes, Total	<0.00403	U **	0.00403		mg/Kg		01/23/24 10:28	01/26/24 05:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	01/23/24 10:28	01/26/24 05:22	1
1,4-Difluorobenzene (Surr)	112		70 - 130	01/23/24 10:28	01/26/24 05:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/26/24 05:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/25/24 13:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/24/24 08:53	01/25/24 13:50	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/24/24 08:53	01/25/24 13:50	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/24/24 08:53	01/25/24 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	01/24/24 08:53	01/25/24 13:50	1
o-Terphenyl	109		70 - 130	01/24/24 08:53	01/25/24 13:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5370		50.3		mg/Kg			01/26/24 10:28	10

Client Sample ID: T-10 (6')

Lab Sample ID: 880-38285-70

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:28	01/26/24 05:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:28	01/26/24 05:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:28	01/26/24 05:42	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		01/23/24 10:28	01/26/24 05:42	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		01/23/24 10:28	01/26/24 05:42	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		01/23/24 10:28	01/26/24 05:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	01/23/24 10:28	01/26/24 05:42	1
1,4-Difluorobenzene (Surr)	112		70 - 130	01/23/24 10:28	01/26/24 05:42	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-10 (6')

Lab Sample ID: 880-38285-70

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/26/24 05:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/25/24 14:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/24/24 08:53	01/25/24 14:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/24/24 08:53	01/25/24 14:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/24/24 08:53	01/25/24 14:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				01/24/24 08:53	01/25/24 14:12	1
o-Terphenyl	116		70 - 130				01/24/24 08:53	01/25/24 14:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3810		25.3		mg/Kg			01/26/24 10:33	5

Client Sample ID: T-10 (6.5')

Lab Sample ID: 880-38285-71

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/26/24 09:07	01/27/24 17:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/26/24 09:07	01/27/24 17:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/26/24 09:07	01/27/24 17:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/26/24 09:07	01/27/24 17:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/26/24 09:07	01/27/24 17:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/26/24 09:07	01/27/24 17:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				01/26/24 09:07	01/27/24 17:10	1
1,4-Difluorobenzene (Surr)	100		70 - 130				01/26/24 09:07	01/27/24 17:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/27/24 17:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/25/24 15:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/24/24 08:53	01/25/24 15:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/24/24 08:53	01/25/24 15:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-10 (6.5')

Lab Sample ID: 880-38285-71

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/24/24 08:53	01/25/24 15:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				01/24/24 08:53	01/25/24 15:39	1
o-Terphenyl	103		70 - 130				01/24/24 08:53	01/25/24 15:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.86		4.99		mg/Kg			01/26/24 10:37	1

Client Sample ID: T-11 (0-1')

Lab Sample ID: 880-38285-72

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/26/24 09:07	01/27/24 17:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/26/24 09:07	01/27/24 17:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/26/24 09:07	01/27/24 17:31	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/26/24 09:07	01/27/24 17:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/26/24 09:07	01/27/24 17:31	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/26/24 09:07	01/27/24 17:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				01/26/24 09:07	01/27/24 17:31	1
1,4-Difluorobenzene (Surr)	109		70 - 130				01/26/24 09:07	01/27/24 17:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/27/24 17:31	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			01/25/24 16:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/24/24 08:53	01/25/24 16:00	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/24/24 08:53	01/25/24 16:00	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/24/24 08:53	01/25/24 16:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				01/24/24 08:53	01/25/24 16:00	1
o-Terphenyl	112		70 - 130				01/24/24 08:53	01/25/24 16:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4820		49.7		mg/Kg			01/26/24 10:42	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-11 (1.5')

Lab Sample ID: 880-38285-73

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/26/24 09:07	01/27/24 17:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/26/24 09:07	01/27/24 17:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/26/24 09:07	01/27/24 17:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/26/24 09:07	01/27/24 17:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/26/24 09:07	01/27/24 17:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/26/24 09:07	01/27/24 17:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				01/26/24 09:07	01/27/24 17:51	1
1,4-Difluorobenzene (Surr)	119		70 - 130				01/26/24 09:07	01/27/24 17:51	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			01/27/24 17:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			01/25/24 16:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		01/24/24 08:53	01/25/24 16:36	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/24/24 08:53	01/25/24 16:36	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/24/24 08:53	01/25/24 16:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130				01/24/24 08:53	01/25/24 16:36	1
o-Terphenyl	83		70 - 130				01/24/24 08:53	01/25/24 16:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5550		50.3		mg/Kg			01/26/24 10:47	10

Client Sample ID: T-11 (2')

Lab Sample ID: 880-38285-74

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/26/24 09:07	01/27/24 18:12	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/26/24 09:07	01/27/24 18:12	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/26/24 09:07	01/27/24 18:12	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/26/24 09:07	01/27/24 18:12	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/26/24 09:07	01/27/24 18:12	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/26/24 09:07	01/27/24 18:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				01/26/24 09:07	01/27/24 18:12	1
1,4-Difluorobenzene (Surr)	115		70 - 130				01/26/24 09:07	01/27/24 18:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-11 (2')

Lab Sample ID: 880-38285-74

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/27/24 18:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/25/24 16:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/24/24 08:53	01/25/24 16:57	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/24/24 08:53	01/25/24 16:57	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/24/24 08:53	01/25/24 16:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				01/24/24 08:53	01/25/24 16:57	1
o-Terphenyl	122		70 - 130				01/24/24 08:53	01/25/24 16:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7420	F1	49.8		mg/Kg			01/26/24 11:26	10

Client Sample ID: T-11 (3')

Lab Sample ID: 880-38285-75

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/26/24 09:07	01/27/24 18:32	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/26/24 09:07	01/27/24 18:32	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/26/24 09:07	01/27/24 18:32	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/26/24 09:07	01/27/24 18:32	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/26/24 09:07	01/27/24 18:32	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/26/24 09:07	01/27/24 18:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				01/26/24 09:07	01/27/24 18:32	1
1,4-Difluorobenzene (Surr)	99		70 - 130				01/26/24 09:07	01/27/24 18:32	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			01/27/24 18:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/25/24 17:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/24/24 08:53	01/25/24 17:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/24/24 08:53	01/25/24 17:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-11 (3')

Lab Sample ID: 880-38285-75

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/24/24 08:53	01/25/24 17:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				01/24/24 08:53	01/25/24 17:19	1
o-Terphenyl	116		70 - 130				01/24/24 08:53	01/25/24 17:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7310		50.1		mg/Kg			01/26/24 11:40	10

Client Sample ID: T-11 (4')

Lab Sample ID: 880-38285-76

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/26/24 09:07	01/27/24 18:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/26/24 09:07	01/27/24 18:52	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/26/24 09:07	01/27/24 18:52	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		01/26/24 09:07	01/27/24 18:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/26/24 09:07	01/27/24 18:52	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/26/24 09:07	01/27/24 18:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				01/26/24 09:07	01/27/24 18:52	1
1,4-Difluorobenzene (Surr)	105		70 - 130				01/26/24 09:07	01/27/24 18:52	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			01/27/24 18:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/25/24 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		01/24/24 08:53	01/25/24 17:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/24/24 08:53	01/25/24 17:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/24/24 08:53	01/25/24 17:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				01/24/24 08:53	01/25/24 17:39	1
o-Terphenyl	132	S1+	70 - 130				01/24/24 08:53	01/25/24 17:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3880		25.1		mg/Kg			01/26/24 11:45	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-11 (5')

Lab Sample ID: 880-38285-77

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/26/24 09:07	01/27/24 19:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/26/24 09:07	01/27/24 19:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/24 09:07	01/27/24 19:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/26/24 09:07	01/27/24 19:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/24 09:07	01/27/24 19:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/26/24 09:07	01/27/24 19:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	01/26/24 09:07	01/27/24 19:13	1
1,4-Difluorobenzene (Surr)	105		70 - 130	01/26/24 09:07	01/27/24 19:13	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			01/27/24 19:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/25/24 18:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/24/24 08:53	01/25/24 18:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/24/24 08:53	01/25/24 18:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/24/24 08:53	01/25/24 18:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	01/24/24 08:53	01/25/24 18:00	1
o-Terphenyl	123		70 - 130	01/24/24 08:53	01/25/24 18:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		50.0		mg/Kg			01/26/24 11:50	10

Client Sample ID: T-11 (6')

Lab Sample ID: 880-38285-78

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/26/24 09:07	01/27/24 19:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/26/24 09:07	01/27/24 19:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/26/24 09:07	01/27/24 19:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/26/24 09:07	01/27/24 19:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/26/24 09:07	01/27/24 19:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/26/24 09:07	01/27/24 19:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	01/26/24 09:07	01/27/24 19:33	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/26/24 09:07	01/27/24 19:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-11 (6')

Lab Sample ID: 880-38285-78

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/27/24 19:33	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			01/25/24 18:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/24/24 08:53	01/25/24 18:20	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/24/24 08:53	01/25/24 18:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/24/24 08:53	01/25/24 18:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				01/24/24 08:53	01/25/24 18:20	1
o-Terphenyl	116		70 - 130				01/24/24 08:53	01/25/24 18:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3600		24.8		mg/Kg			01/26/24 11:55	5

Client Sample ID: T-11 (7')

Lab Sample ID: 880-38285-79

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/26/24 09:07	01/27/24 19:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/26/24 09:07	01/27/24 19:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/26/24 09:07	01/27/24 19:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/26/24 09:07	01/27/24 19:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/26/24 09:07	01/27/24 19:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/26/24 09:07	01/27/24 19:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				01/26/24 09:07	01/27/24 19:54	1
1,4-Difluorobenzene (Surr)	103		70 - 130				01/26/24 09:07	01/27/24 19:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/27/24 19:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			01/25/24 18:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		01/24/24 08:53	01/25/24 18:42	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/24/24 08:53	01/25/24 18:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-11 (7')

Lab Sample ID: 880-38285-79

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/24/24 08:53	01/25/24 18:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				01/24/24 08:53	01/25/24 18:42	1
o-Terphenyl	116		70 - 130				01/24/24 08:53	01/25/24 18:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2350		25.2		mg/Kg			01/26/24 12:09	5

Client Sample ID: T-11 (7.5')

Lab Sample ID: 880-38285-80

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/26/24 09:07	01/27/24 20:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/26/24 09:07	01/27/24 20:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/26/24 09:07	01/27/24 20:14	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/26/24 09:07	01/27/24 20:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/26/24 09:07	01/27/24 20:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/26/24 09:07	01/27/24 20:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				01/26/24 09:07	01/27/24 20:14	1
1,4-Difluorobenzene (Surr)	104		70 - 130				01/26/24 09:07	01/27/24 20:14	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			01/27/24 20:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/25/24 19:02	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		01/24/24 08:53	01/25/24 19:02	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/24/24 08:53	01/25/24 19:02	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/24/24 08:53	01/25/24 19:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				01/24/24 08:53	01/25/24 19:02	1
o-Terphenyl	119		70 - 130				01/24/24 08:53	01/25/24 19:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.5		5.03		mg/Kg			01/26/24 12:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-12 (0-1')

Lab Sample ID: 880-38285-81

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:38	01/26/24 12:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 12:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 12:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 10:38	01/26/24 12:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 12:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 10:38	01/26/24 12:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	01/23/24 10:38	01/26/24 12:14	1
1,4-Difluorobenzene (Surr)	108		70 - 130	01/23/24 10:38	01/26/24 12:14	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			01/26/24 12:14	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			01/25/24 09:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/24/24 08:58	01/25/24 09:58	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/24/24 08:58	01/25/24 09:58	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/24/24 08:58	01/25/24 09:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	01/24/24 08:58	01/25/24 09:58	1
o-Terphenyl	96		70 - 130	01/24/24 08:58	01/25/24 09:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12800		99.0		mg/Kg			01/26/24 12:19	20

Client Sample ID: T-12 (1.5')

Lab Sample ID: 880-38285-82

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:38	01/26/24 12:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 12:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 12:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/23/24 10:38	01/26/24 12:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 12:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/23/24 10:38	01/26/24 12:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	01/23/24 10:38	01/26/24 12:40	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/23/24 10:38	01/26/24 12:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-12 (1.5')

Lab Sample ID: 880-38285-82

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/26/24 12:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/25/24 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/24/24 08:58	01/25/24 11:07	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/24/24 08:58	01/25/24 11:07	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/24/24 08:58	01/25/24 11:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				01/24/24 08:58	01/25/24 11:07	1
o-Terphenyl	98		70 - 130				01/24/24 08:58	01/25/24 11:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9500		50.1		mg/Kg			01/26/24 12:24	10

Client Sample ID: T-12 (2')

Lab Sample ID: 880-38285-83

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:38	01/26/24 13:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:38	01/26/24 13:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:38	01/26/24 13:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/23/24 10:38	01/26/24 13:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:38	01/26/24 13:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/23/24 10:38	01/26/24 13:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				01/23/24 10:38	01/26/24 13:06	1
1,4-Difluorobenzene (Surr)	94		70 - 130				01/23/24 10:38	01/26/24 13:06	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			01/26/24 13:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/25/24 11:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/24/24 08:58	01/25/24 11:31	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/24/24 08:58	01/25/24 11:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-12 (2')

Lab Sample ID: 880-38285-83

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/24/24 08:58	01/25/24 11:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				01/24/24 08:58	01/25/24 11:31	1
o-Terphenyl	101		70 - 130				01/24/24 08:58	01/25/24 11:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1600		25.0		mg/Kg			01/26/24 12:29	5

Client Sample ID: T-12 (3')

Lab Sample ID: 880-38285-84

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:38	01/26/24 13:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 13:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 13:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 10:38	01/26/24 13:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 13:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 10:38	01/26/24 13:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				01/23/24 10:38	01/26/24 13:33	1
1,4-Difluorobenzene (Surr)	130		70 - 130				01/23/24 10:38	01/26/24 13:33	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			01/26/24 13:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/25/24 11:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/24/24 08:58	01/25/24 11:55	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/24/24 08:58	01/25/24 11:55	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/24/24 08:58	01/25/24 11:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				01/24/24 08:58	01/25/24 11:55	1
o-Terphenyl	106		70 - 130				01/24/24 08:58	01/25/24 11:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	246		5.02		mg/Kg			01/26/24 12:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-12 (4')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-85
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 13:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 13:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 13:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 10:38	01/26/24 13:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 13:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 10:38	01/26/24 13:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				01/23/24 10:38	01/26/24 13:59	1
1,4-Difluorobenzene (Surr)	102		70 - 130				01/23/24 10:38	01/26/24 13:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/26/24 13:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/25/24 12:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/24/24 08:58	01/25/24 12:18	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/24/24 08:58	01/25/24 12:18	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/24/24 08:58	01/25/24 12:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				01/24/24 08:58	01/25/24 12:18	1
o-Terphenyl	99		70 - 130				01/24/24 08:58	01/25/24 12:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.2		5.01		mg/Kg			01/26/24 12:48	1

Client Sample ID: T-12 (5')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-86
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 14:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 14:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 14:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/23/24 10:38	01/26/24 14:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 14:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/23/24 10:38	01/26/24 14:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				01/23/24 10:38	01/26/24 14:25	1
1,4-Difluorobenzene (Surr)	110		70 - 130				01/23/24 10:38	01/26/24 14:25	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-12 (5')

Lab Sample ID: 880-38285-86

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/26/24 14:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			01/25/24 12:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		01/24/24 08:58	01/25/24 12:41	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/24/24 08:58	01/25/24 12:41	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/24/24 08:58	01/25/24 12:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				01/24/24 08:58	01/25/24 12:41	1
o-Terphenyl	96		70 - 130				01/24/24 08:58	01/25/24 12:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	227		4.97		mg/Kg			01/26/24 12:53	1

Client Sample ID: T-12 (6')

Lab Sample ID: 880-38285-87

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:38	01/26/24 14:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:38	01/26/24 14:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:38	01/26/24 14:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/23/24 10:38	01/26/24 14:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:38	01/26/24 14:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/23/24 10:38	01/26/24 14:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				01/23/24 10:38	01/26/24 14:52	1
1,4-Difluorobenzene (Surr)	100		70 - 130				01/23/24 10:38	01/26/24 14:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/26/24 14:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			01/25/24 13:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		01/24/24 08:58	01/25/24 13:03	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/24/24 08:58	01/25/24 13:03	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-12 (6')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-87
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/24/24 08:58	01/25/24 13:03	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	81		70 - 130				01/24/24 08:58	01/25/24 13:03	1	
o-Terphenyl	83		70 - 130				01/24/24 08:58	01/25/24 13:03	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	11.5		4.95		mg/Kg			01/26/24 13:07	1	

Client Sample ID: T-13 (0-1')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-88
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 15:18	1	
Toluene	0.396		0.00200		mg/Kg		01/23/24 10:38	01/26/24 15:18	1	
Ethylbenzene	0.0988		0.00200		mg/Kg		01/23/24 10:38	01/26/24 15:18	1	
m-Xylene & p-Xylene	0.409		0.00401		mg/Kg		01/23/24 10:38	01/26/24 15:18	1	
o-Xylene	0.117		0.00200		mg/Kg		01/23/24 10:38	01/26/24 15:18	1	
Xylenes, Total	0.526		0.00401		mg/Kg		01/23/24 10:38	01/26/24 15:18	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	103		70 - 130				01/23/24 10:38	01/26/24 15:18	1	
1,4-Difluorobenzene (Surr)	85		70 - 130				01/23/24 10:38	01/26/24 15:18	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	1.02		0.00401		mg/Kg			01/26/24 15:18	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	6850		253		mg/Kg			01/25/24 13:27	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	311		253		mg/Kg		01/24/24 08:58	01/25/24 13:27	5	
Diesel Range Organics (Over C10-C28)	5760		253		mg/Kg		01/24/24 08:58	01/25/24 13:27	5	
Oil Range Organics (Over C28-C36)	779		253		mg/Kg		01/24/24 08:58	01/25/24 13:27	5	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	89		70 - 130				01/24/24 08:58	01/25/24 13:27	5	
o-Terphenyl	100		70 - 130				01/24/24 08:58	01/25/24 13:27	5	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	12600		99.0		mg/Kg			01/26/24 13:12	20	

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-13 (1.5')

Lab Sample ID: 880-38285-89

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:38	01/26/24 15:44	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/23/24 10:38	01/26/24 15:44	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/23/24 10:38	01/26/24 15:44	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/23/24 10:38	01/26/24 15:44	1
o-Xylene	0.193		0.00202		mg/Kg		01/23/24 10:38	01/26/24 15:44	1
Xylenes, Total	0.193		0.00403		mg/Kg		01/23/24 10:38	01/26/24 15:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130				01/23/24 10:38	01/26/24 15:44	1
1,4-Difluorobenzene (Surr)	113		70 - 130				01/23/24 10:38	01/26/24 15:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.193		0.00403		mg/Kg			01/26/24 15:44	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	136		49.6		mg/Kg			01/25/24 13:50	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	63.3		49.6		mg/Kg		01/24/24 08:58	01/25/24 13:50	1
Diesel Range Organics (Over C10-C28)	73.0		49.6		mg/Kg		01/24/24 08:58	01/25/24 13:50	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/24/24 08:58	01/25/24 13:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				01/24/24 08:58	01/25/24 13:50	1
o-Terphenyl	97		70 - 130				01/24/24 08:58	01/25/24 13:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15100		101		mg/Kg			01/26/24 13:17	20

Client Sample ID: T-13 (2')

Lab Sample ID: 880-38285-90

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:38	01/26/24 16:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 16:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 16:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 10:38	01/26/24 16:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 16:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 10:38	01/26/24 16:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130				01/23/24 10:38	01/26/24 16:11	1
1,4-Difluorobenzene (Surr)	105		70 - 130				01/23/24 10:38	01/26/24 16:11	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-13 (2')

Lab Sample ID: 880-38285-90

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/26/24 16:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	79.5		49.9		mg/Kg			01/25/24 14:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	79.5		49.9		mg/Kg		01/24/24 08:58	01/25/24 14:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/24/24 08:58	01/25/24 14:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/24/24 08:58	01/25/24 14:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				01/24/24 08:58	01/25/24 14:12	1
o-Terphenyl	102		70 - 130				01/24/24 08:58	01/25/24 14:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6530		50.5		mg/Kg			01/26/24 13:22	10

Client Sample ID: T-13 (3')

Lab Sample ID: 880-38285-91

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:38	01/26/24 17:56	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/23/24 10:38	01/26/24 17:56	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/23/24 10:38	01/26/24 17:56	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/23/24 10:38	01/26/24 17:56	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/23/24 10:38	01/26/24 17:56	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/23/24 10:38	01/26/24 17:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				01/23/24 10:38	01/26/24 17:56	1
1,4-Difluorobenzene (Surr)	75		70 - 130				01/23/24 10:38	01/26/24 17:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/26/24 17:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/25/24 15:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/24/24 08:58	01/25/24 15:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/24/24 08:58	01/25/24 15:39	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-13 (3')

Lab Sample ID: 880-38285-91

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/24/24 08:58	01/25/24 15:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				01/24/24 08:58	01/25/24 15:39	1
o-Terphenyl	104		70 - 130				01/24/24 08:58	01/25/24 15:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2980		25.3		mg/Kg			01/26/24 13:26	5

Client Sample ID: T-13 (4')

Lab Sample ID: 880-38285-92

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:38	01/26/24 18:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 18:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 18:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 10:38	01/26/24 18:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 18:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 10:38	01/26/24 18:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				01/23/24 10:38	01/26/24 18:22	1
1,4-Difluorobenzene (Surr)	95		70 - 130				01/23/24 10:38	01/26/24 18:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/26/24 18:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/25/24 16:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/24/24 08:58	01/25/24 16:00	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/24/24 08:58	01/25/24 16:00	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/24/24 08:58	01/25/24 16:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				01/24/24 08:58	01/25/24 16:00	1
o-Terphenyl	101		70 - 130				01/24/24 08:58	01/25/24 16:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3900		25.2		mg/Kg			01/26/24 13:31	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-13 (5')

Lab Sample ID: 880-38285-93

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:38	01/26/24 18:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 18:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 18:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/23/24 10:38	01/26/24 18:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 18:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/23/24 10:38	01/26/24 18:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				01/23/24 10:38	01/26/24 18:49	1
1,4-Difluorobenzene (Surr)	107		70 - 130				01/23/24 10:38	01/26/24 18:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/26/24 18:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			01/25/24 16:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		01/24/24 08:58	01/25/24 16:36	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/24/24 08:58	01/25/24 16:36	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/24/24 08:58	01/25/24 16:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				01/24/24 08:58	01/25/24 16:36	1
o-Terphenyl	103		70 - 130				01/24/24 08:58	01/25/24 16:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1950		24.9		mg/Kg			01/26/24 13:36	5

Client Sample ID: T-13 (6')

Lab Sample ID: 880-38285-94

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:38	01/26/24 19:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:38	01/26/24 19:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:38	01/26/24 19:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/23/24 10:38	01/26/24 19:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:38	01/26/24 19:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/23/24 10:38	01/26/24 19:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				01/23/24 10:38	01/26/24 19:16	1
1,4-Difluorobenzene (Surr)	93		70 - 130				01/23/24 10:38	01/26/24 19:16	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-13 (6')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-94
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/26/24 19:16	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.5	U	50.5		mg/Kg			01/25/24 16:57	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/24/24 08:58	01/25/24 16:57	1	
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/24/24 08:58	01/25/24 16:57	1	
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/24/24 08:58	01/25/24 16:57	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	87		70 - 130				01/24/24 08:58	01/25/24 16:57	1	
o-Terphenyl	95		70 - 130				01/24/24 08:58	01/25/24 16:57	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	92.9		4.95		mg/Kg			01/25/24 23:17	1	

Client Sample ID: T-13 (7')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-95
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 19:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 19:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 19:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 10:38	01/26/24 19:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 19:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 10:38	01/26/24 19:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				01/23/24 10:38	01/26/24 19:42	1
1,4-Difluorobenzene (Surr)	104		70 - 130				01/23/24 10:38	01/26/24 19:42	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			01/26/24 19:42	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/25/24 17:19	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/24/24 08:58	01/25/24 17:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/24/24 08:58	01/25/24 17:19	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-13 (7')

Lab Sample ID: 880-38285-95

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/24/24 08:58	01/25/24 17:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				01/24/24 08:58	01/25/24 17:19	1
o-Terphenyl	98		70 - 130				01/24/24 08:58	01/25/24 17:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.3		4.97		mg/Kg			01/25/24 23:37	1

Client Sample ID: T-14 (0-1')

Lab Sample ID: 880-38285-96

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:38	01/26/24 20:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 20:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 20:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 10:38	01/26/24 20:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 20:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 10:38	01/26/24 20:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				01/23/24 10:38	01/26/24 20:09	1
1,4-Difluorobenzene (Surr)	97		70 - 130				01/23/24 10:38	01/26/24 20:09	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			01/26/24 20:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/25/24 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		01/24/24 08:58	01/25/24 17:39	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/24/24 08:58	01/25/24 17:39	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/24/24 08:58	01/25/24 17:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				01/24/24 08:58	01/25/24 17:39	1
o-Terphenyl	98		70 - 130				01/24/24 08:58	01/25/24 17:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8930		49.8		mg/Kg			01/25/24 23:44	10

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-14 (1.5')

Lab Sample ID: 880-38285-97

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:38	01/26/24 20:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 20:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 20:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/23/24 10:38	01/26/24 20:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 20:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/23/24 10:38	01/26/24 20:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				01/23/24 10:38	01/26/24 20:35	1
1,4-Difluorobenzene (Surr)	96		70 - 130				01/23/24 10:38	01/26/24 20:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/26/24 20:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			01/25/24 18:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		01/24/24 08:58	01/25/24 18:00	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/24/24 08:58	01/25/24 18:00	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/24/24 08:58	01/25/24 18:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				01/24/24 08:58	01/25/24 18:00	1
o-Terphenyl	100		70 - 130				01/24/24 08:58	01/25/24 18:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7290		50.4		mg/Kg			01/25/24 23:51	10

Client Sample ID: T-14 (2')

Lab Sample ID: 880-38285-98

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:38	01/26/24 21:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:38	01/26/24 21:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:38	01/26/24 21:01	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/23/24 10:38	01/26/24 21:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/23/24 10:38	01/26/24 21:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/23/24 10:38	01/26/24 21:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				01/23/24 10:38	01/26/24 21:01	1
1,4-Difluorobenzene (Surr)	84		70 - 130				01/23/24 10:38	01/26/24 21:01	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-14 (2')

Lab Sample ID: 880-38285-98

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/26/24 21:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/25/24 18:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/24/24 08:58	01/25/24 18:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/24/24 08:58	01/25/24 18:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/24/24 08:58	01/25/24 18:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				01/24/24 08:58	01/25/24 18:20	1
o-Terphenyl	114		70 - 130				01/24/24 08:58	01/25/24 18:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5650		50.3		mg/Kg			01/25/24 23:58	10

Client Sample ID: T-14 (3')

Lab Sample ID: 880-38285-99

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 10:38	01/26/24 21:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 21:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 21:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/23/24 10:38	01/26/24 21:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 21:27	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/23/24 10:38	01/26/24 21:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				01/23/24 10:38	01/26/24 21:27	1
1,4-Difluorobenzene (Surr)	101		70 - 130				01/23/24 10:38	01/26/24 21:27	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			01/26/24 21:27	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			01/25/24 18:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/24/24 08:58	01/25/24 18:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/24/24 08:58	01/25/24 18:42	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-14 (3')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-99
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/24/24 08:58	01/25/24 18:42	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	92		70 - 130				01/24/24 08:58	01/25/24 18:42	1	
o-Terphenyl	102		70 - 130				01/24/24 08:58	01/25/24 18:42	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	4540		49.8		mg/Kg			01/26/24 00:19	10	

Client Sample ID: T-14 (4')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-100
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 21:53	1	
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 21:53	1	
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 21:53	1	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 10:38	01/26/24 21:53	1	
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 10:38	01/26/24 21:53	1	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 10:38	01/26/24 21:53	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	104		70 - 130				01/23/24 10:38	01/26/24 21:53	1	
1,4-Difluorobenzene (Surr)	92		70 - 130				01/23/24 10:38	01/26/24 21:53	1	
Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/26/24 21:53	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			01/25/24 19:02	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		01/24/24 08:58	01/25/24 19:02	1	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/24/24 08:58	01/25/24 19:02	1	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/24/24 08:58	01/25/24 19:02	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	91		70 - 130				01/24/24 08:58	01/25/24 19:02	1	
o-Terphenyl	99		70 - 130				01/24/24 08:58	01/25/24 19:02	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	7020		49.8		mg/Kg			01/26/24 00:26	10	

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-14 (5')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-101
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/23/24 15:23	01/25/24 12:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/23/24 15:23	01/25/24 12:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/23/24 15:23	01/25/24 12:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/23/24 15:23	01/25/24 12:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/23/24 15:23	01/25/24 12:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/23/24 15:23	01/25/24 12:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				01/23/24 15:23	01/25/24 12:02	1
4-Bromofluorobenzene (Surr)	92		70 - 130				01/23/24 15:23	01/25/24 15:07	1
1,4-Difluorobenzene (Surr)	88		70 - 130				01/23/24 15:23	01/25/24 12:02	1
1,4-Difluorobenzene (Surr)	89		70 - 130				01/23/24 15:23	01/25/24 15:07	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			01/25/24 12:02	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/25/24 20:43	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/24/24 09:03	01/25/24 20:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/24/24 09:03	01/25/24 20:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/24/24 09:03	01/25/24 20:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				01/24/24 09:03	01/25/24 20:43	1
o-Terphenyl	92		70 - 130				01/24/24 09:03	01/25/24 20:43	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4950		49.8		mg/Kg			01/26/24 00:33	10

Client Sample ID: T-14 (6')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-102
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/23/24 15:23	01/25/24 12:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 15:23	01/25/24 12:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 15:23	01/25/24 12:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 15:23	01/25/24 12:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 15:23	01/25/24 12:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 15:23	01/25/24 12:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				01/23/24 15:23	01/25/24 12:22	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-14 (6')

Lab Sample ID: 880-38285-102

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	88		70 - 130	01/23/24 15:23	01/25/24 12:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/25/24 12:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/25/24 21:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/24/24 09:03	01/25/24 21:46	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/24/24 09:03	01/25/24 21:46	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/24/24 09:03	01/25/24 21:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				01/24/24 09:03	01/25/24 21:46	1
o-Terphenyl	98		70 - 130				01/24/24 09:03	01/25/24 21:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.1		5.01		mg/Kg			01/26/24 00:39	1

Client Sample ID: T-14 (7')

Lab Sample ID: 880-38285-103

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 15:23	01/25/24 12:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 15:23	01/25/24 12:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 15:23	01/25/24 12:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 15:23	01/25/24 12:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 15:23	01/25/24 12:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 15:23	01/25/24 12:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				01/23/24 15:23	01/25/24 12:43	1
1,4-Difluorobenzene (Surr)	88		70 - 130				01/23/24 15:23	01/25/24 12:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/25/24 12:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			01/25/24 22:06	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-14 (7')

Lab Sample ID: 880-38285-103

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/24/24 09:03	01/25/24 22:06	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/24/24 09:03	01/25/24 22:06	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/24/24 09:03	01/25/24 22:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				01/24/24 09:03	01/25/24 22:06	1
o-Terphenyl	103		70 - 130				01/24/24 09:03	01/25/24 22:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.0		5.04		mg/Kg			01/26/24 00:46	1

Client Sample ID: T-15 (0-1')

Lab Sample ID: 880-38285-104

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 15:23	01/25/24 13:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 15:23	01/25/24 13:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 15:23	01/25/24 13:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/23/24 15:23	01/25/24 13:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 15:23	01/25/24 13:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/23/24 15:23	01/25/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				01/23/24 15:23	01/25/24 13:03	1
1,4-Difluorobenzene (Surr)	91		70 - 130				01/23/24 15:23	01/25/24 13:03	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			01/25/24 13:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/25/24 22:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/24/24 09:03	01/25/24 22:27	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/24/24 09:03	01/25/24 22:27	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/24/24 09:03	01/25/24 22:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				01/24/24 09:03	01/25/24 22:27	1
o-Terphenyl	94		70 - 130				01/24/24 09:03	01/25/24 22:27	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-15 (0-1')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-104
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7100	F1	49.9		mg/Kg			01/26/24 00:53	10

Client Sample ID: T-15 (1.5')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-105
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/23/24 15:23	01/25/24 13:24	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/23/24 15:23	01/25/24 13:24	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/23/24 15:23	01/25/24 13:24	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/23/24 15:23	01/25/24 13:24	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/23/24 15:23	01/25/24 13:24	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/23/24 15:23	01/25/24 13:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				01/23/24 15:23	01/25/24 13:24	1
1,4-Difluorobenzene (Surr)	80		70 - 130				01/23/24 15:23	01/25/24 13:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/25/24 13:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/25/24 22:48	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/24/24 09:03	01/25/24 22:48	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/24/24 09:03	01/25/24 22:48	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/24/24 09:03	01/25/24 22:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				01/24/24 09:03	01/25/24 22:48	1
o-Terphenyl	110		70 - 130				01/24/24 09:03	01/25/24 22:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	936		5.03		mg/Kg			01/26/24 01:13	1

Client Sample ID: T-15 (2')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-106
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/23/24 15:23	01/25/24 13:45	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/23/24 15:23	01/25/24 13:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/23/24 15:23	01/25/24 13:45	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-15 (2')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-106
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/23/24 15:23	01/25/24 13:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/23/24 15:23	01/25/24 13:45	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/23/24 15:23	01/25/24 13:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				01/23/24 15:23	01/25/24 13:45	1
1,4-Difluorobenzene (Surr)	84		70 - 130				01/23/24 15:23	01/25/24 13:45	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/25/24 13:45	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/25/24 23:09	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/24/24 09:03	01/25/24 23:09	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/24/24 09:03	01/25/24 23:09	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/24/24 09:03	01/25/24 23:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				01/24/24 09:03	01/25/24 23:09	1
o-Terphenyl	94		70 - 130				01/24/24 09:03	01/25/24 23:09	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.0		4.96		mg/Kg			01/26/24 01:20	1

Client Sample ID: T-15 (3')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-107
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/23/24 15:23	01/25/24 14:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/23/24 15:23	01/25/24 14:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/23/24 15:23	01/25/24 14:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/23/24 15:23	01/25/24 14:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/23/24 15:23	01/25/24 14:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/23/24 15:23	01/25/24 14:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				01/23/24 15:23	01/25/24 14:05	1
1,4-Difluorobenzene (Surr)	92		70 - 130				01/23/24 15:23	01/25/24 14:05	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/25/24 14:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-15 (3')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-107
Matrix: Solid

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			01/25/24 23:29	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/24/24 09:03	01/25/24 23:29	1	
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/24/24 09:03	01/25/24 23:29	1	
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/24/24 09:03	01/25/24 23:29	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	91		70 - 130				01/24/24 09:03	01/25/24 23:29	1	
o-Terphenyl	95		70 - 130				01/24/24 09:03	01/25/24 23:29	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	8.60		4.97		mg/Kg			01/26/24 01:41	1	

Client Sample ID: T-15 (4')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-108
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00202	U	0.00202		mg/Kg		01/23/24 15:23	01/25/24 14:26	1	
Toluene	<0.00202	U	0.00202		mg/Kg		01/23/24 15:23	01/25/24 14:26	1	
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/23/24 15:23	01/25/24 14:26	1	
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/23/24 15:23	01/25/24 14:26	1	
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/23/24 15:23	01/25/24 14:26	1	
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/23/24 15:23	01/25/24 14:26	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	92		70 - 130				01/23/24 15:23	01/25/24 14:26	1	
1,4-Difluorobenzene (Surr)	87		70 - 130				01/23/24 15:23	01/25/24 14:26	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			01/25/24 14:26	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			01/25/24 23:50	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/24/24 09:03	01/25/24 23:50	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/24/24 09:03	01/25/24 23:50	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/24/24 09:03	01/25/24 23:50	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	91		70 - 130				01/24/24 09:03	01/25/24 23:50	1	

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-15 (4')

Lab Sample ID: 880-38285-108

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	97		70 - 130	01/24/24 09:03	01/25/24 23:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.8		4.97		mg/Kg			01/26/24 01:48	1

Client Sample ID: T-15 (5')

Lab Sample ID: 880-38285-109

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 15:23	01/25/24 14:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/23/24 15:23	01/25/24 14:46	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/23/24 15:23	01/25/24 14:46	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/23/24 15:23	01/25/24 14:46	1
<i>o</i> -Xylene	<0.00202	U	0.00202		mg/Kg		01/23/24 15:23	01/25/24 14:46	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/23/24 15:23	01/25/24 14:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	01/23/24 15:23	01/25/24 14:46	1
1,4-Difluorobenzene (Surr)	76		70 - 130	01/23/24 15:23	01/25/24 14:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/25/24 14:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/26/24 00:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/24/24 09:03	01/26/24 00:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/24/24 09:03	01/26/24 00:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/24/24 09:03	01/26/24 00:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	01/24/24 09:03	01/26/24 00:10	1
<i>o</i> -Terphenyl	96		70 - 130	01/24/24 09:03	01/26/24 00:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.79		4.99		mg/Kg			01/26/24 01:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-15 (6')

Lab Sample ID: 880-38285-110

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 15:23	01/25/24 18:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/23/24 15:23	01/25/24 18:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/23/24 15:23	01/25/24 18:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/23/24 15:23	01/25/24 18:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/23/24 15:23	01/25/24 18:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/23/24 15:23	01/25/24 18:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	01/23/24 15:23	01/25/24 18:34	1
1,4-Difluorobenzene (Surr)	69	S1-	70 - 130	01/23/24 15:23	01/25/24 18:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/25/24 18:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/26/24 00:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/24/24 09:03	01/26/24 00:30	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/24/24 09:03	01/26/24 00:30	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/24/24 09:03	01/26/24 00:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	01/24/24 09:03	01/26/24 00:30	1
o-Terphenyl	104		70 - 130	01/24/24 09:03	01/26/24 00:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.90		5.02		mg/Kg			01/26/24 02:01	1

Client Sample ID: T-16 (0-1')

Lab Sample ID: 880-38285-111

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 15:23	01/25/24 18:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 15:23	01/25/24 18:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 15:23	01/25/24 18:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 15:23	01/25/24 18:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 15:23	01/25/24 18:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 15:23	01/25/24 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	01/23/24 15:23	01/25/24 18:54	1
1,4-Difluorobenzene (Surr)	87		70 - 130	01/23/24 15:23	01/25/24 18:54	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-16 (0-1')

Lab Sample ID: 880-38285-111

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/25/24 18:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/26/24 01:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/24/24 09:03	01/26/24 01:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/24/24 09:03	01/26/24 01:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/24/24 09:03	01/26/24 01:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				01/24/24 09:03	01/26/24 01:12	1
o-Terphenyl	100		70 - 130				01/24/24 09:03	01/26/24 01:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6990		49.5		mg/Kg			01/26/24 02:08	10

Client Sample ID: T-16 (1.5')

Lab Sample ID: 880-38285-112

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 15:23	01/25/24 19:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 15:23	01/25/24 19:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 15:23	01/25/24 19:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 15:23	01/25/24 19:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 15:23	01/25/24 19:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 15:23	01/25/24 19:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				01/23/24 15:23	01/25/24 19:15	1
1,4-Difluorobenzene (Surr)	90		70 - 130				01/23/24 15:23	01/25/24 19:15	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			01/25/24 19:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			01/26/24 01:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		01/24/24 09:03	01/26/24 01:33	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/24/24 09:03	01/26/24 01:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-16 (1.5')

Lab Sample ID: 880-38285-112

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/24/24 09:03	01/26/24 01:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				01/24/24 09:03	01/26/24 01:33	1
o-Terphenyl	107		70 - 130				01/24/24 09:03	01/26/24 01:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1530		24.9		mg/Kg			01/26/24 02:15	5

Client Sample ID: T-16 (2')

Lab Sample ID: 880-38285-113

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 15:23	01/25/24 19:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 15:23	01/25/24 19:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 15:23	01/25/24 19:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 15:23	01/25/24 19:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 15:23	01/25/24 19:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 15:23	01/25/24 19:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				01/23/24 15:23	01/25/24 19:35	1
1,4-Difluorobenzene (Surr)	82		70 - 130				01/23/24 15:23	01/25/24 19:35	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			01/25/24 19:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			01/26/24 01:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		01/24/24 09:03	01/26/24 01:55	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/24/24 09:03	01/26/24 01:55	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/24/24 09:03	01/26/24 01:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				01/24/24 09:03	01/26/24 01:55	1
o-Terphenyl	102		70 - 130				01/24/24 09:03	01/26/24 01:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	387		4.96		mg/Kg			01/26/24 02:22	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-16 (3')

Lab Sample ID: 880-38285-114

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 15:23	01/25/24 19:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 15:23	01/25/24 19:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 15:23	01/25/24 19:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/23/24 15:23	01/25/24 19:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 15:23	01/25/24 19:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/23/24 15:23	01/25/24 19:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	01/23/24 15:23	01/25/24 19:56	1
1,4-Difluorobenzene (Surr)	86		70 - 130	01/23/24 15:23	01/25/24 19:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/25/24 19:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/26/24 02:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/24/24 09:03	01/26/24 02:15	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/24/24 09:03	01/26/24 02:15	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/24/24 09:03	01/26/24 02:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	01/24/24 09:03	01/26/24 02:15	1
o-Terphenyl	91		70 - 130	01/24/24 09:03	01/26/24 02:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	117		5.01		mg/Kg			01/24/24 14:05	1

Client Sample ID: T-16 (4')

Lab Sample ID: 880-38285-115

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 15:23	01/25/24 20:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/23/24 15:23	01/25/24 20:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/23/24 15:23	01/25/24 20:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/23/24 15:23	01/25/24 20:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/23/24 15:23	01/25/24 20:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/23/24 15:23	01/25/24 20:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	01/23/24 15:23	01/25/24 20:16	1
1,4-Difluorobenzene (Surr)	86		70 - 130	01/23/24 15:23	01/25/24 20:16	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-16 (4')

Lab Sample ID: 880-38285-115

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/25/24 20:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/26/24 02:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/24/24 09:03	01/26/24 02:36	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/24/24 09:03	01/26/24 02:36	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/24/24 09:03	01/26/24 02:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				01/24/24 09:03	01/26/24 02:36	1
o-Terphenyl	96		70 - 130				01/24/24 09:03	01/26/24 02:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.68		5.04		mg/Kg			01/24/24 14:12	1

Client Sample ID: T-16 (5')

Lab Sample ID: 880-38285-116

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 15:23	01/25/24 20:36	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/23/24 15:23	01/25/24 20:36	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/23/24 15:23	01/25/24 20:36	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/23/24 15:23	01/25/24 20:36	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/23/24 15:23	01/25/24 20:36	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/23/24 15:23	01/25/24 20:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				01/23/24 15:23	01/25/24 20:36	1
1,4-Difluorobenzene (Surr)	91		70 - 130				01/23/24 15:23	01/25/24 20:36	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			01/25/24 20:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			01/26/24 02:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		01/24/24 09:03	01/26/24 02:57	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/24/24 09:03	01/26/24 02:57	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-16 (5')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-116
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/24/24 09:03	01/26/24 02:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				01/24/24 09:03	01/26/24 02:57	1
o-Terphenyl	106		70 - 130				01/24/24 09:03	01/26/24 02:57	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.8		5.00		mg/Kg			01/24/24 14:19	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-38285-1	T-1 (0-1')	96	111
880-38285-1 MS	T-1 (0-1')	124	102
880-38285-1 MSD	T-1 (0-1')	120	112
880-38285-2	T-1 (1.5')	109	111
880-38285-3	T-1 (2')	123	116
880-38285-4	T-1 (3')	125	115
880-38285-5	T-1 (4')	112	107
880-38285-6	T-1 (5')	124	116
880-38285-7	T-2 (0-1')	119	114
880-38285-8	T-2 (1.5')	123	112
880-38285-9	T-2 (2')	123	117
880-38285-10	T-2 (3')	120	119
880-38285-11	T-2 (4')	91	109
880-38285-12	T-2 (5')	110	109
880-38285-13	T-2 (6')	120	116
880-38285-14	T-2 (7')	123	114
880-38285-15	T-3 (0-1')	120	113
880-38285-16	T-3 (1.5')	116	117
880-38285-17	T-3 (2')	129	126
880-38285-18	T-3 (3')	131 S1+	117
880-38285-19	T-3 (4')	129	121
880-38285-20	T-3 (5')	122	123
880-38285-21	T-4 (0-1')	202 S1+	128
880-38285-21 MS	T-4 (0-1')	162 S1+	80
880-38285-21 MSD	T-4 (0-1')	195 S1+	69 S1-
880-38285-22	T-4 (1.5')	235 S1+	104
880-38285-23	T-4 (2')	193 S1+	113
880-38285-24	T-4 (3')	194 S1+	113
880-38285-25	T-4 (4')	185 S1+	89
880-38285-26	T-4 (5')	249 S1+	96
880-38285-27	T-5 (0-1')	271 S1+	119
880-38285-28	T-5 (1.5')	224 S1+	120
880-38285-29	T-5 (2')	228 S1+	124
880-38285-30	T-5 (3')	94	82
880-38285-31	T-5 (4')	90	77
880-38285-32	T-5 (5')	87	72
880-38285-33	T-6 (0-1')	89	79
880-38285-34	T-6 (1.5')	81	72
880-38285-35	T-6 (2')	79	75
880-38285-36	T-6 (3')	97	83
880-38285-37	T-6 (4')	100	90
880-38285-38	T-6 (5')	93	87
880-38285-39	T-7 (0-1')	80	91
880-38285-40	T-7 (1.5')	86	87
880-38285-41	T-7 (2')	116	128
880-38285-41 MS	T-7 (2')	111	107
880-38285-41 MSD	T-7 (2')	112	102
880-38285-42	T-7 (3')	130	105
880-38285-43	T-7 (4')	103	73

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-38285-1

Project/Site: Antero New Riser Spill

SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-38285-44	T-7 (5')	115	116
880-38285-45	T-8 (0-1')	112	116
880-38285-46	T-8 (1.5')	123	107
880-38285-47	T-8 (2')	120	105
880-38285-48	T-8 (3')	115	107
880-38285-49	T-8 (4')	109	88
880-38285-50	T-8 (5')	108	97
880-38285-51	T-8 (6')	94	104
880-38285-52	T-9 (0-1')	116	97
880-38285-53	T-9 (1.5')	131 S1+	94
880-38285-54	T-9 (2')	108	72
880-38285-55	T-9 (3')	114	111
880-38285-56	T-9 (4')	99	100
880-38285-57	T-9 (5')	123	137 S1+
880-38285-58	T-9 (6')	114	106
880-38285-59	T-9 (7')	105	87
880-38285-60	T-9 (8')	113	97
880-38285-61	T-9 (9')	97	101
880-38285-61 MS	T-9 (9')	120	101
880-38285-61 MSD	T-9 (9')	123	100
880-38285-62	T-9 (10')	124	115
880-38285-63	T-9 (11')	126	111
880-38285-64	T-10 (0-1')	123	112
880-38285-65	T-10 (1.5')	127	116
880-38285-66	T-10 (2')	125	124
880-38285-67	T-10 (3')	134 S1+	111
880-38285-68	T-10 (4')	131 S1+	119
880-38285-69	T-10 (5')	122	112
880-38285-70	T-10 (6')	124	112
880-38285-71	T-10 (6.5')	85	100
880-38285-71 MS	T-10 (6.5')	104	101
880-38285-71 MSD	T-10 (6.5')	108	92
880-38285-72	T-11 (0-1')	107	109
880-38285-73	T-11 (1.5')	120	119
880-38285-74	T-11 (2')	122	115
880-38285-75	T-11 (3')	111	99
880-38285-76	T-11 (4')	107	105
880-38285-77	T-11 (5')	111	105
880-38285-78	T-11 (6')	110	103
880-38285-79	T-11 (7')	118	103
880-38285-80	T-11 (7.5')	110	104
880-38285-81	T-12 (0-1')	119	108
880-38285-81 MS	T-12 (0-1')	116	104
880-38285-81 MSD	T-12 (0-1')	100	94
880-38285-82	T-12 (1.5')	104	97
880-38285-83	T-12 (2')	104	94
880-38285-84	T-12 (3')	105	130
880-38285-85	T-12 (4')	117	102
880-38285-86	T-12 (5')	105	110
880-38285-87	T-12 (6')	91	100

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-38285-1

Project/Site: Antero New Riser Spill

SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	BFB1	DFBZ1		
		(70-130)	(70-130)		
880-38285-88	T-13 (0-1')	103	85		
880-38285-89	T-13 (1.5')	143 S1+	113		
880-38285-90	T-13 (2')	132 S1+	105		
880-38285-91	T-13 (3')	95	75		
880-38285-92	T-13 (4')	96	95		
880-38285-93	T-13 (5')	90	107		
880-38285-94	T-13 (6')	109	93		
880-38285-95	T-13 (7')	113	104		
880-38285-96	T-14 (0-1')	102	97		
880-38285-97	T-14 (1.5')	97	96		
880-38285-98	T-14 (2')	92	84		
880-38285-99	T-14 (3')	108	101		
880-38285-100	T-14 (4')	104	92		
880-38285-101	T-14 (5')	92	89		
880-38285-101	T-14 (5')	97	88		
880-38285-101 MS	T-14 (5')	119	115		
880-38285-101 MSD	T-14 (5')	120	107		
880-38285-102	T-14 (6')	97	88		
880-38285-103	T-14 (7')	93	88		
880-38285-104	T-15 (0-1')	91	91		
880-38285-105	T-15 (1.5')	91	80		
880-38285-106	T-15 (2')	94	84		
880-38285-107	T-15 (3')	98	92		
880-38285-108	T-15 (4')	92	87		
880-38285-109	T-15 (5')	88	76		
880-38285-110	T-15 (6')	80	69 S1-		
880-38285-111	T-16 (0-1')	94	87		
880-38285-112	T-16 (1.5')	89	90		
880-38285-113	T-16 (2')	87	82		
880-38285-114	T-16 (3')	82	86		
880-38285-115	T-16 (4')	101	86		
880-38285-116	T-16 (5')	85	91		
880-38488-A-1-B MS	Matrix Spike	96	122		
880-38488-A-1-C MSD	Matrix Spike Duplicate	100	118		
880-38523-A-1-A MS	Matrix Spike	109	106		
880-38523-A-1-B MSD	Matrix Spike Duplicate	108	99		
LCS 880-71414/1-A	Lab Control Sample	119	110		
LCS 880-71415/1-A	Lab Control Sample	218 S1+	83		
LCS 880-71416/1-A	Lab Control Sample	100	91		
LCS 880-71419/1-A	Lab Control Sample	114	104		
LCS 880-71430/1-A	Lab Control Sample	92	86		
LCS 880-71461/1-A	Lab Control Sample	114	120		
LCS 880-71671/1-A	Lab Control Sample	101	114		
LCS 880-71673/1-A	Lab Control Sample	93	105		
LCS 880-71690/1-A	Lab Control Sample	101	96		
LCSD 880-71414/2-A	Lab Control Sample Dup	119	100		
LCSD 880-71415/2-A	Lab Control Sample Dup	315 S1+	40 S1-		
LCSD 880-71416/2-A	Lab Control Sample Dup	109	116		
LCSD 880-71419/2-A	Lab Control Sample Dup	118	109		
LCSD 880-71430/2-A	Lab Control Sample Dup	91	84		

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Surrogate Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
LCSD 880-71461/2-A	Lab Control Sample Dup	119	119
LCSD 880-71671/2-A	Lab Control Sample Dup	89	112
LCSD 880-71673/2-A	Lab Control Sample Dup	110	99
LCSD 880-71690/2-A	Lab Control Sample Dup	107	99
MB 880-71411/5-A	Method Blank	139 S1+	96
MB 880-71414/5-A	Method Blank	130	135 S1+
MB 880-71415/5-A	Method Blank	185 S1+	98
MB 880-71416/5-A	Method Blank	56 S1-	102
MB 880-71419/5-A	Method Blank	154 S1+	145 S1+
MB 880-71430/5-A	Method Blank	60 S1-	109
MB 880-71461/5-A	Method Blank	74	93
MB 880-71473/5-A	Method Blank	126	128
MB 880-71516/5-A	Method Blank	134 S1+	131 S1+
MB 880-71671/5-A	Method Blank	73	91
MB 880-71673/5-A	Method Blank	125	125
MB 880-71690/5-A	Method Blank	76	79
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-38285-1	T-1 (0-1')	72	78
880-38285-1 MS	T-1 (0-1')	75	68 S1-
880-38285-1 MSD	T-1 (0-1')	75	71
880-38285-2	T-1 (1.5')	75	79
880-38285-3	T-1 (2')	149 S1+	153 S1+
880-38285-4	T-1 (3')	71	77
880-38285-5	T-1 (4')	76	81
880-38285-6	T-1 (5')	71	74
880-38285-7	T-2 (0-1')	71	73
880-38285-8	T-2 (1.5')	78	82
880-38285-9	T-2 (2')	71	76
880-38285-10	T-2 (3')	79	83
880-38285-11	T-2 (4')	78	83
880-38285-12	T-2 (5')	74	79
880-38285-13	T-2 (6')	72	76
880-38285-14	T-2 (7')	71	70
880-38285-15	T-3 (0-1')	76	79
880-38285-16	T-3 (1.5')	78	84
880-38285-17	T-3 (2')	75	77
880-38285-18	T-3 (3')	70	71
880-38285-19	T-3 (4')	75	78
880-38285-20	T-3 (5')	75	76
880-38285-21	T-4 (0-1')	78	76
880-38285-21 MS	T-4 (0-1')	74	70

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-38285-1

Project/Site: Antero New Riser Spill

SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
880-38285-21 MSD	T-4 (0-1')	75	77				
880-38285-22	T-4 (1.5')	77	84				
880-38285-23	T-4 (2')	91	94				
880-38285-24	T-4 (3')	76	76				
880-38285-25	T-4 (4')	79	80				
880-38285-26	T-4 (5')	78	78				
880-38285-27	T-5 (0-1')	83	82				
880-38285-28	T-5 (1.5')	87	87				
880-38285-29	T-5 (2')	83	79				
880-38285-30	T-5 (3')	83	82				
880-38285-31	T-5 (4')	84	85				
880-38285-32	T-5 (5')	83	82				
880-38285-33	T-6 (0-1')	86	83				
880-38285-34	T-6 (1.5')	84	86				
880-38285-35	T-6 (2')	86	88				
880-38285-36	T-6 (3')	82	80				
880-38285-37	T-6 (4')	90	91				
880-38285-38	T-6 (5')	88	90				
880-38285-39	T-7 (0-1')	88	86				
880-38285-40	T-7 (1.5')	83	85				
880-38285-41	T-7 (2')	95	112				
880-38285-41 MS	T-7 (2')	86	87				
880-38285-41 MSD	T-7 (2')	99	97				
880-38285-42	T-7 (3')	84	97				
880-38285-43	T-7 (4')	98	111				
880-38285-44	T-7 (5')	97	109				
880-38285-45	T-8 (0-1')	92	105				
880-38285-46	T-8 (1.5')	81	96				
880-38285-47	T-8 (2')	94	114				
880-38285-48	T-8 (3')	101	122				
880-38285-49	T-8 (4')	91	112				
880-38285-50	T-8 (5')	96	113				
880-38285-51	T-8 (6')	85	99				
880-38285-52	T-9 (0-1')	80	95				
880-38285-53	T-9 (1.5')	86	102				
880-38285-54	T-9 (2')	88	105				
880-38285-55	T-9 (3')	92	108				
880-38285-56	T-9 (4')	102	122				
880-38285-57	T-9 (5')	93	111				
880-38285-58	T-9 (6')	84	99				
880-38285-59	T-9 (7')	97	117				
880-38285-60	T-9 (8')	87	106				
880-38285-61	T-9 (9')	85	100				
880-38285-61 MS	T-9 (9')	87	95				
880-38285-61 MSD	T-9 (9')	88	96				
880-38285-62	T-9 (10')	86	105				
880-38285-63	T-9 (11')	82	101				
880-38285-64	T-10 (0-1')	90	108				
880-38285-65	T-10 (1.5')	99	118				
880-38285-66	T-10 (2')	82	106				

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-38285-1

Project/Site: Antero New Riser Spill

SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-38285-67	T-10 (3')	88	112
880-38285-68	T-10 (4')	88	107
880-38285-69	T-10 (5')	85	109
880-38285-70	T-10 (6')	91	116
880-38285-71	T-10 (6.5')	83	103
880-38285-72	T-11 (0-1')	91	112
880-38285-73	T-11 (1.5')	63 S1-	83
880-38285-74	T-11 (2')	93	122
880-38285-75	T-11 (3')	89	116
880-38285-76	T-11 (4')	102	132 S1+
880-38285-77	T-11 (5')	95	123
880-38285-78	T-11 (6')	89	116
880-38285-79	T-11 (7')	91	116
880-38285-80	T-11 (7.5')	93	119
880-38285-81	T-12 (0-1')	91	96
880-38285-81 MS	T-12 (0-1')	90	84
880-38285-81 MSD	T-12 (0-1')	87	82
880-38285-82	T-12 (1.5')	88	98
880-38285-83	T-12 (2')	91	101
880-38285-84	T-12 (3')	98	106
880-38285-85	T-12 (4')	89	99
880-38285-86	T-12 (5')	88	96
880-38285-87	T-12 (6')	81	83
880-38285-88	T-13 (0-1')	89	100
880-38285-89	T-13 (1.5')	90	97
880-38285-90	T-13 (2')	91	102
880-38285-91	T-13 (3')	94	104
880-38285-92	T-13 (4')	94	101
880-38285-93	T-13 (5')	93	103
880-38285-94	T-13 (6')	87	95
880-38285-95	T-13 (7')	92	98
880-38285-96	T-14 (0-1')	92	98
880-38285-97	T-14 (1.5')	89	100
880-38285-98	T-14 (2')	103	114
880-38285-99	T-14 (3')	92	102
880-38285-100	T-14 (4')	91	99
880-38285-101	T-14 (5')	88	92
880-38285-101 MS	T-14 (5')	92	86
880-38285-101 MSD	T-14 (5')	96	90
880-38285-102	T-14 (6')	95	98
880-38285-103	T-14 (7')	99	103
880-38285-104	T-15 (0-1')	92	94
880-38285-105	T-15 (1.5')	101	110
880-38285-106	T-15 (2')	91	94
880-38285-107	T-15 (3')	91	95
880-38285-108	T-15 (4')	91	97
880-38285-109	T-15 (5')	90	96
880-38285-110	T-15 (6')	95	104
880-38285-111	T-16 (0-1')	97	100
880-38285-112	T-16 (1.5')	97	107

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Surrogate Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-38285-113	T-16 (2')	92	102
880-38285-114	T-16 (3')	85	91
880-38285-115	T-16 (4')	91	96
880-38285-116	T-16 (5')	100	106
LCS 880-71488/2-A	Lab Control Sample	96	122
LCS 880-71489/2-A	Lab Control Sample	94	114
LCS 880-71490/2-A	Lab Control Sample	91	113
LCS 880-71492/2-A	Lab Control Sample	81	107
LCS 880-71493/2-A	Lab Control Sample	113	138 S1+
LCS 880-71494/2-A	Lab Control Sample	98	123
LCSD 880-71488/3-A	Lab Control Sample Dup	92	108
LCSD 880-71489/3-A	Lab Control Sample Dup	88	102
LCSD 880-71490/3-A	Lab Control Sample Dup	95	115
LCSD 880-71492/3-A	Lab Control Sample Dup	78	98
LCSD 880-71493/3-A	Lab Control Sample Dup	116	140 S1+
LCSD 880-71494/3-A	Lab Control Sample Dup	90	108
MB 880-71488/1-A - RA2	Method Blank	81	87
MB 880-71489/1-A	Method Blank	84	83
MB 880-71490/1-A	Method Blank	85	103
MB 880-71492/1-A	Method Blank	88	114
MB 880-71493/1-A - RA2	Method Blank	93	105
MB 880-71494/1-A	Method Blank	97	104

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-71411/5-A

Matrix: Solid

Analysis Batch: 71433

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 71411

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/23/24 09:49	01/24/24 05:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 09:49	01/24/24 05:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 09:49	01/24/24 05:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/23/24 09:49	01/24/24 05:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 09:49	01/24/24 05:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/23/24 09:49	01/24/24 05:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	01/23/24 09:49	01/24/24 05:45	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/23/24 09:49	01/24/24 05:45	1

Lab Sample ID: MB 880-71414/5-A

Matrix: Solid

Analysis Batch: 71471

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 71414

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:19	01/25/24 00:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:19	01/25/24 00:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:19	01/25/24 00:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/23/24 10:19	01/25/24 00:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:19	01/25/24 00:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/23/24 10:19	01/25/24 00:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	01/23/24 10:19	01/25/24 00:30	1
1,4-Difluorobenzene (Surr)	135	S1+	70 - 130	01/23/24 10:19	01/25/24 00:30	1

Lab Sample ID: LCS 880-71414/1-A

Matrix: Solid

Analysis Batch: 71471

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 71414

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08003		mg/Kg		80	70 - 130
Toluene	0.100	0.06116	*-	mg/Kg		61	70 - 130
Ethylbenzene	0.100	0.06867	*-	mg/Kg		69	70 - 130
m-Xylene & p-Xylene	0.200	0.1455		mg/Kg		73	70 - 130
o-Xylene	0.100	0.07596		mg/Kg		76	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: LCSD 880-71414/2-A

Matrix: Solid

Analysis Batch: 71471

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 71414

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09285		mg/Kg		93	70 - 130	15	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-71414/2-A
Matrix: Solid
Analysis Batch: 71471

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71414

Analyte	Spike		LCSD	LCSD	Unit	D	%Rec	%Rec		RPD
	Added	Result	Qualifier	Limit				Limits	RPD	
Toluene	0.100	0.07920			mg/Kg		79	70 - 130	26	35
Ethylbenzene	0.100	0.09010			mg/Kg		90	70 - 130	27	35
m-Xylene & p-Xylene	0.200	0.1930			mg/Kg		96	70 - 130	28	35
o-Xylene	0.100	0.09659			mg/Kg		97	70 - 130	24	35
Surrogate		LCSD	LCSD	Limits						
		%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)		119		70 - 130						
1,4-Difluorobenzene (Surr)		100		70 - 130						

Lab Sample ID: 880-38285-1 MS
Matrix: Solid
Analysis Batch: 71471

Client Sample ID: T-1 (0-1')
Prep Type: Total/NA
Prep Batch: 71414

Analyte	Sample		Spike	MS		Unit	D	%Rec	%Rec	
	Result	Qualifier		Result	Qualifier				Limits	RPD
Benzene	<0.00199	U	0.0996	0.1206		mg/Kg		120	70 - 130	
Toluene	<0.00199	U *	0.0996	0.1017		mg/Kg		101	70 - 130	
Ethylbenzene	<0.00199	U *	0.0996	0.1094		mg/Kg		110	70 - 130	
m-Xylene & p-Xylene	<0.00398	U	0.199	0.2392		mg/Kg		120	70 - 130	
o-Xylene	<0.00199	U	0.0996	0.1154		mg/Kg		115	70 - 130	
Surrogate		MS	MS	Limits						
		%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)		124		70 - 130						
1,4-Difluorobenzene (Surr)		102		70 - 130						

Lab Sample ID: 880-38285-1 MSD
Matrix: Solid
Analysis Batch: 71471

Client Sample ID: T-1 (0-1')
Prep Type: Total/NA
Prep Batch: 71414

Analyte	Sample		Spike	MSD		Unit	D	%Rec	%Rec		RPD
	Result	Qualifier		Result	Qualifier				Limits	RPD	
Benzene	<0.00199	U	0.0990	0.1253		mg/Kg		126	70 - 130	4	35
Toluene	<0.00199	U *	0.0990	0.09904		mg/Kg		99	70 - 130	3	35
Ethylbenzene	<0.00199	U *	0.0990	0.1027		mg/Kg		104	70 - 130	6	35
m-Xylene & p-Xylene	<0.00398	U	0.198	0.2134		mg/Kg		108	70 - 130	11	35
o-Xylene	<0.00199	U	0.0990	0.1158		mg/Kg		116	70 - 130	0	35
Surrogate		MSD	MSD	Limits							
		%Recovery	Qualifier								
4-Bromofluorobenzene (Surr)		120		70 - 130							
1,4-Difluorobenzene (Surr)		112		70 - 130							

Lab Sample ID: MB 880-71415/5-A
Matrix: Solid
Analysis Batch: 71433

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71415

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Benzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:21	01/24/24 19:23		1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:21	01/24/24 19:23		1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:21	01/24/24 19:23		1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/23/24 10:21	01/24/24 19:23		1

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-71415/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 71433							Prep Batch: 71415		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:21	01/24/24 19:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/23/24 10:21	01/24/24 19:23	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	185	S1+	70 - 130				01/23/24 10:21	01/24/24 19:23	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/23/24 10:21	01/24/24 19:23	1

Lab Sample ID: LCS 880-71415/1-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 71433							Prep Batch: 71415		
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene			0.100	0.1541	*+	mg/Kg		154	70 - 130
Toluene			0.100	0.1281		mg/Kg		128	70 - 130
Ethylbenzene			0.100	0.1385	*+	mg/Kg		139	70 - 130
m-Xylene & p-Xylene			0.200	0.2866	*+	mg/Kg		143	70 - 130
o-Xylene			0.100	0.1360	*+	mg/Kg		136	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	218	S1+	70 - 130						
1,4-Difluorobenzene (Surr)	83		70 - 130						

Lab Sample ID: LCSD 880-71415/2-A							Client Sample ID: Lab Control Sample Dup				
Matrix: Solid							Prep Type: Total/NA				
Analysis Batch: 71433							Prep Batch: 71415				
Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	RPD	RPD	
			Added	Result	Qualifier			Limits			
Benzene			0.100	0.1947	*+	mg/Kg		195	70 - 130	23	35
Toluene			0.100	0.1693	*+	mg/Kg		169	70 - 130	28	35
Ethylbenzene			0.100	0.1907	*+	mg/Kg		191	70 - 130	32	35
m-Xylene & p-Xylene			0.200	0.4053	*+	mg/Kg		203	70 - 130	34	35
o-Xylene			0.100	0.1977	*+ *1	mg/Kg		198	70 - 130	37	35
Surrogate	LCSD		Limits								
	%Recovery	Qualifier									
4-Bromofluorobenzene (Surr)	315	S1+	70 - 130								
1,4-Difluorobenzene (Surr)	40	S1-	70 - 130								

Lab Sample ID: 880-38285-21 MS							Client Sample ID: T-4 (0-1')				
Matrix: Solid							Prep Type: Total/NA				
Analysis Batch: 71433							Prep Batch: 71415				
Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Benzene	<0.00199	U +*	0.0996	0.09608		mg/Kg		96	70 - 130		
Toluene	<0.00199	U +*	0.0996	0.09439		mg/Kg		95	70 - 130		
Ethylbenzene	<0.00199	U +*	0.0996	0.09146		mg/Kg		92	70 - 130		
m-Xylene & p-Xylene	<0.00398	U +*	0.199	0.1930		mg/Kg		97	70 - 130		
o-Xylene	<0.00199	U +* *1	0.0996	0.08626		mg/Kg		85	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-38285-21 MS

Matrix: Solid

Analysis Batch: 71433

Client Sample ID: T-4 (0-1')

Prep Type: Total/NA

Prep Batch: 71415

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130
1,4-Difluorobenzene (Surr)	80		70 - 130

Lab Sample ID: 880-38285-21 MSD

Matrix: Solid

Analysis Batch: 71433

Client Sample ID: T-4 (0-1')

Prep Type: Total/NA

Prep Batch: 71415

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U *	0.0990	0.1280		mg/Kg		129	70 - 130	28	35
Toluene	<0.00199	U *	0.0990	0.1259		mg/Kg		127	70 - 130	29	35
Ethylbenzene	<0.00199	U *	0.0990	0.1106		mg/Kg		112	70 - 130	19	35
m-Xylene & p-Xylene	<0.00398	U *	0.198	0.2421		mg/Kg		122	70 - 130	23	35
o-Xylene	<0.00199	U *+ *1	0.0990	0.1139		mg/Kg		113	70 - 130	28	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	195	S1+	70 - 130
1,4-Difluorobenzene (Surr)	69	S1-	70 - 130

Lab Sample ID: MB 880-71416/5-A

Matrix: Solid

Analysis Batch: 71625

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 71416

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/25/24 20:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/25/24 20:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/25/24 20:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/23/24 10:25	01/25/24 20:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:25	01/25/24 20:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/23/24 10:25	01/25/24 20:49	1

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	56	S1-	70 - 130	01/23/24 10:25	01/25/24 20:49	1
1,4-Difluorobenzene (Surr)	102		70 - 130	01/23/24 10:25	01/25/24 20:49	1

Lab Sample ID: LCS 880-71416/1-A

Matrix: Solid

Analysis Batch: 71625

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 71416

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07715		mg/Kg		77	70 - 130
Toluene	0.100	0.07234		mg/Kg		72	70 - 130
Ethylbenzene	0.100	0.07792		mg/Kg		78	70 - 130
m-Xylene & p-Xylene	0.200	0.1587		mg/Kg		79	70 - 130
o-Xylene	0.100	0.08105		mg/Kg		81	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-71416/1-A
Matrix: Solid
Analysis Batch: 71625

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71416

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

Lab Sample ID: LCSD 880-71416/2-A
Matrix: Solid
Analysis Batch: 71625

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71416

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08763		mg/Kg		88	70 - 130	13	35
Toluene	0.100	0.08814		mg/Kg		88	70 - 130	20	35
Ethylbenzene	0.100	0.1003		mg/Kg		100	70 - 130	25	35
m-Xylene & p-Xylene	0.200	0.2225		mg/Kg		111	70 - 130	33	35
o-Xylene	0.100	0.1005		mg/Kg		101	70 - 130	21	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: 880-38285-41 MS
Matrix: Solid
Analysis Batch: 71625

Client Sample ID: T-7 (2')
Prep Type: Total/NA
Prep Batch: 71416

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.07269		mg/Kg		72	70 - 130
Toluene	<0.00199	U	0.0996	0.07981		mg/Kg		80	70 - 130
Ethylbenzene	<0.00199	U	0.0996	0.07398		mg/Kg		74	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1814		mg/Kg		91	70 - 130
o-Xylene	<0.00199	U	0.0996	0.08660		mg/Kg		86	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-38285-41 MSD
Matrix: Solid
Analysis Batch: 71625

Client Sample ID: T-7 (2')
Prep Type: Total/NA
Prep Batch: 71416

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0990	0.08851		mg/Kg		89	70 - 130	20	35
Toluene	<0.00199	U	0.0990	0.08375		mg/Kg		85	70 - 130	5	35
Ethylbenzene	<0.00199	U	0.0990	0.1015		mg/Kg		103	70 - 130	31	35
m-Xylene & p-Xylene	<0.00398	U	0.198	0.2199		mg/Kg		111	70 - 130	19	35
o-Xylene	<0.00199	U	0.0990	0.1040		mg/Kg		104	70 - 130	18	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-71419/5-A

Matrix: Solid

Analysis Batch: 71562

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 71419

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:28	01/26/24 02:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:28	01/26/24 02:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:28	01/26/24 02:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/23/24 10:28	01/26/24 02:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:28	01/26/24 02:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/23/24 10:28	01/26/24 02:09	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130	01/23/24 10:28	01/26/24 02:09	1
1,4-Difluorobenzene (Surr)	145	S1+	70 - 130	01/23/24 10:28	01/26/24 02:09	1

Lab Sample ID: LCS 880-71419/1-A

Matrix: Solid

Analysis Batch: 71562

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 71419

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec
		Result	Qualifier				Limits
Benzene	0.100	0.1280		mg/Kg		128	70 - 130
Toluene	0.100	0.1134		mg/Kg		113	70 - 130
Ethylbenzene	0.100	0.1023		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.2605		mg/Kg		130	70 - 130
o-Xylene	0.100	0.1348	*+	mg/Kg		135	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-71419/2-A

Matrix: Solid

Analysis Batch: 71562

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 71419

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	Limit
		Result	Qualifier				Limits		
Benzene	0.100	0.1352	*+	mg/Kg		135	70 - 130	6	35
Toluene	0.100	0.1124		mg/Kg		112	70 - 130	1	35
Ethylbenzene	0.100	0.1096		mg/Kg		110	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2725	*+	mg/Kg		136	70 - 130	4	35
o-Xylene	0.100	0.1405	*+	mg/Kg		140	70 - 130	4	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-38285-61 MS

Matrix: Solid

Analysis Batch: 71562

Client Sample ID: T-9 (9')

Prep Type: Total/NA

Prep Batch: 71419

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier		Result	Qualifier				Limits
Benzene	<0.00199	U *	0.0996	0.1180		mg/Kg		118	70 - 130
Toluene	<0.00199	U	0.0996	0.1072		mg/Kg		108	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-38285-61 MS
Matrix: Solid
Analysis Batch: 71562

Client Sample ID: T-9 (9')
Prep Type: Total/NA
Prep Batch: 71419

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00199	U	0.0996	0.1006		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	<0.00398	U *	0.199	0.2420		mg/Kg		121	70 - 130
o-Xylene	<0.00199	U *	0.0996	0.1232		mg/Kg		123	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	120		70 - 130						
1,4-Difluorobenzene (Surr)	101		70 - 130						

Lab Sample ID: 880-38285-61 MSD
Matrix: Solid
Analysis Batch: 71562

Client Sample ID: T-9 (9')
Prep Type: Total/NA
Prep Batch: 71419

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U *	0.0990	0.1141		mg/Kg		115	70 - 130	3	35
Toluene	<0.00199	U	0.0990	0.09901		mg/Kg		100	70 - 130	8	35
Ethylbenzene	<0.00199	U	0.0990	0.09546		mg/Kg		96	70 - 130	5	35
m-Xylene & p-Xylene	<0.00398	U *	0.198	0.2407		mg/Kg		122	70 - 130	1	35
o-Xylene	<0.00199	U *	0.0990	0.1250		mg/Kg		126	70 - 130	1	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	123		70 - 130								
1,4-Difluorobenzene (Surr)	100		70 - 130								

Lab Sample ID: MB 880-71430/5-A
Matrix: Solid
Analysis Batch: 71659

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71430

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 11:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 11:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 11:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/23/24 10:38	01/26/24 11:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 11:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/23/24 10:38	01/26/24 11:47	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
4-Bromofluorobenzene (Surr)	60	S1-	70 - 130						
1,4-Difluorobenzene (Surr)	109		70 - 130						

Lab Sample ID: LCS 880-71430/1-A
Matrix: Solid
Analysis Batch: 71659

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71430

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08672		mg/Kg		87	70 - 130
Toluene	0.100	0.09099		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.1046		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	0.200	0.2329		mg/Kg		116	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-71430/1-A

Matrix: Solid

Analysis Batch: 71659

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 71430

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1042		mg/Kg		104	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: LCSD 880-71430/2-A

Matrix: Solid

Analysis Batch: 71659

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 71430

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09350		mg/Kg		93	70 - 130	8	35
Toluene	0.100	0.09296		mg/Kg		93	70 - 130	2	35
Ethylbenzene	0.100	0.1038		mg/Kg		104	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2291		mg/Kg		115	70 - 130	2	35
o-Xylene	0.100	0.09710		mg/Kg		97	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Lab Sample ID: 880-38285-81 MS

Matrix: Solid

Analysis Batch: 71659

Client Sample ID: T-12 (0-1')

Prep Type: Total/NA

Prep Batch: 71430

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.08700		mg/Kg		87	70 - 130
Toluene	<0.00199	U	0.0996	0.09246		mg/Kg		93	70 - 130
Ethylbenzene	<0.00199	U	0.0996	0.09665		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.199	0.2215		mg/Kg		111	70 - 130
o-Xylene	<0.00199	U	0.0996	0.1090		mg/Kg		109	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-38285-81 MSD

Matrix: Solid

Analysis Batch: 71659

Client Sample ID: T-12 (0-1')

Prep Type: Total/NA

Prep Batch: 71430

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0990	0.08022		mg/Kg		81	70 - 130	8	35
Toluene	<0.00199	U	0.0990	0.08820		mg/Kg		89	70 - 130	5	35
Ethylbenzene	<0.00199	U	0.0990	0.09975		mg/Kg		101	70 - 130	3	35
m-Xylene & p-Xylene	<0.00398	U	0.198	0.2172		mg/Kg		110	70 - 130	2	35
o-Xylene	<0.00199	U	0.0990	0.09416		mg/Kg		95	70 - 130	15	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-38285-81 MSD
Matrix: Solid
Analysis Batch: 71659

Client Sample ID: T-12 (0-1')
Prep Type: Total/NA
Prep Batch: 71430

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: MB 880-71461/5-A
Matrix: Solid
Analysis Batch: 71559

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71461

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/23/24 15:23	01/25/24 11:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 15:23	01/25/24 11:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 15:23	01/25/24 11:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/23/24 15:23	01/25/24 11:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 15:23	01/25/24 11:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/23/24 15:23	01/25/24 11:40	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130				01/23/24 15:23	01/25/24 11:40	1
1,4-Difluorobenzene (Surr)	93		70 - 130				01/23/24 15:23	01/25/24 11:40	1

Lab Sample ID: LCS 880-71461/1-A
Matrix: Solid
Analysis Batch: 71559

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71461

	Spike	LCS	LCS					%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	0.100	0.1269		mg/Kg		127	70 - 130		
Toluene	0.100	0.1139		mg/Kg		114	70 - 130		
Ethylbenzene	0.100	0.1162		mg/Kg		116	70 - 130		
m-Xylene & p-Xylene	0.200	0.2365		mg/Kg		118	70 - 130		
o-Xylene	0.100	0.1166		mg/Kg		117	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	120		70 - 130

Lab Sample ID: LCSD 880-71461/2-A
Matrix: Solid
Analysis Batch: 71559

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71461

	Spike	LCSD	LCSD					%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1251		mg/Kg		125	70 - 130	1	35	
Toluene	0.100	0.1123		mg/Kg		112	70 - 130	1	35	
Ethylbenzene	0.100	0.1151		mg/Kg		115	70 - 130	1	35	
m-Xylene & p-Xylene	0.200	0.2391		mg/Kg		120	70 - 130	1	35	
o-Xylene	0.100	0.1182		mg/Kg		118	70 - 130	1	35	

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-71461/2-A

Matrix: Solid

Analysis Batch: 71559

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 71461

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	119		70 - 130

Lab Sample ID: 880-38285-101 MS

Matrix: Solid

Analysis Batch: 71559

Client Sample ID: T-14 (5')

Prep Type: Total/NA

Prep Batch: 71461

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00201	U	0.0990	0.1040		mg/Kg		105	70 - 130	
Toluene	<0.00201	U	0.0990	0.09649		mg/Kg		97	70 - 130	
Ethylbenzene	<0.00201	U	0.0990	0.1058		mg/Kg		107	70 - 130	
m-Xylene & p-Xylene	<0.00402	U	0.198	0.2142		mg/Kg		108	70 - 130	
o-Xylene	<0.00201	U	0.0990	0.1055		mg/Kg		107	70 - 130	
	MS	MS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	119		70 - 130							
1,4-Difluorobenzene (Surr)	115		70 - 130							

Lab Sample ID: 880-38285-101 MSD

Matrix: Solid

Analysis Batch: 71559

Client Sample ID: T-14 (5')

Prep Type: Total/NA

Prep Batch: 71461

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00201	U	0.0990	0.09802		mg/Kg		99	70 - 130	6	35	
Toluene	<0.00201	U	0.0990	0.09204		mg/Kg		93	70 - 130	5	35	
Ethylbenzene	<0.00201	U	0.0990	0.1002		mg/Kg		101	70 - 130	5	35	
m-Xylene & p-Xylene	<0.00402	U	0.198	0.2057		mg/Kg		104	70 - 130	4	35	
o-Xylene	<0.00201	U	0.0990	0.1012		mg/Kg		102	70 - 130	4	35	
	MSD	MSD										
Surrogate	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	120		70 - 130									
1,4-Difluorobenzene (Surr)	107		70 - 130									

Lab Sample ID: MB 880-71473/5-A

Matrix: Solid

Analysis Batch: 71471

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 71473

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		01/24/24 08:23	01/24/24 12:34	1		
Toluene	<0.00200	U	0.00200		mg/Kg		01/24/24 08:23	01/24/24 12:34	1		
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/24 08:23	01/24/24 12:34	1		
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/24/24 08:23	01/24/24 12:34	1		
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/24/24 08:23	01/24/24 12:34	1		
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/24/24 08:23	01/24/24 12:34	1		
	MB	MB									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac	
4-Bromofluorobenzene (Surr)	126		70 - 130				01/24/24 08:23	01/24/24 12:34	1		
1,4-Difluorobenzene (Surr)	128		70 - 130				01/24/24 08:23	01/24/24 12:34	1		

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-71516/5-A

Matrix: Solid

Analysis Batch: 71562

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 71516

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/24/24 13:01	01/25/24 13:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/24/24 13:01	01/25/24 13:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/24 13:01	01/25/24 13:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/24/24 13:01	01/25/24 13:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/24/24 13:01	01/25/24 13:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/24/24 13:01	01/25/24 13:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	01/24/24 13:01	01/25/24 13:31	1
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	01/24/24 13:01	01/25/24 13:31	1

Lab Sample ID: MB 880-71671/5-A

Matrix: Solid

Analysis Batch: 71660

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 71671

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/26/24 08:59	01/26/24 11:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/26/24 08:59	01/26/24 11:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/24 08:59	01/26/24 11:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/26/24 08:59	01/26/24 11:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/24 08:59	01/26/24 11:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/26/24 08:59	01/26/24 11:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130	01/26/24 08:59	01/26/24 11:11	1
1,4-Difluorobenzene (Surr)	91		70 - 130	01/26/24 08:59	01/26/24 11:11	1

Lab Sample ID: LCS 880-71671/1-A

Matrix: Solid

Analysis Batch: 71660

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 71671

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1270		mg/Kg		127	70 - 130
Toluene	0.100	0.1079		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1145		mg/Kg		115	70 - 130
m-Xylene & p-Xylene	0.200	0.2263		mg/Kg		113	70 - 130
o-Xylene	0.100	0.1101		mg/Kg		110	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: LCSD 880-71671/2-A

Matrix: Solid

Analysis Batch: 71660

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 71671

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1146		mg/Kg		115	70 - 130	10	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-71671/2-A
Matrix: Solid
Analysis Batch: 71660

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71671

Analyte	Spike			LCSD		Unit	D	%Rec	%Rec		RPD
	Added	Result	Qualifier	Result	Qualifier				Limits	RPD	
Toluene	0.100	0.09272				mg/Kg		93	70 - 130	15	35
Ethylbenzene	0.100	0.08951				mg/Kg		90	70 - 130	25	35
m-Xylene & p-Xylene	0.200	0.1761				mg/Kg		88	70 - 130	25	35
o-Xylene	0.100	0.08755				mg/Kg		88	70 - 130	23	35
		LCSD	LCSD								
Surrogate		%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)		89		70 - 130							
1,4-Difluorobenzene (Surr)		112		70 - 130							

Lab Sample ID: 880-38488-A-1-B MS
Matrix: Solid
Analysis Batch: 71660

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 71671

Analyte	Sample		Spike	MS		Unit	D	%Rec	%Rec		RPD
	Result	Qualifier		Result	Qualifier				Limits	RPD	
Benzene	<0.00198	U	0.0990	0.09777		mg/Kg		97	70 - 130		
Toluene	0.0114		0.0990	0.09213		mg/Kg		82	70 - 130		
Ethylbenzene	0.00850		0.0990	0.08100		mg/Kg		73	70 - 130		
m-Xylene & p-Xylene	0.0332		0.198	0.1742		mg/Kg		71	70 - 130		
o-Xylene	0.00983	F1	0.0990	0.07810	F1	mg/Kg		69	70 - 130		
		MS	MS								
Surrogate		%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)		96		70 - 130							
1,4-Difluorobenzene (Surr)		122		70 - 130							

Lab Sample ID: 880-38488-A-1-C MSD
Matrix: Solid
Analysis Batch: 71660

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 71671

Analyte	Sample		Spike	MSD		Unit	D	%Rec	%Rec		RPD
	Result	Qualifier		Result	Qualifier				Limits	RPD	
Benzene	<0.00198	U	0.101	0.1042		mg/Kg		102	70 - 130	6	35
Toluene	0.0114		0.101	0.09647		mg/Kg		84	70 - 130	5	35
Ethylbenzene	0.00850		0.101	0.08872		mg/Kg		80	70 - 130	9	35
m-Xylene & p-Xylene	0.0332		0.202	0.1874		mg/Kg		77	70 - 130	7	35
o-Xylene	0.00983	F1	0.101	0.08580		mg/Kg		75	70 - 130	9	35
		MSD	MSD								
Surrogate		%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)		100		70 - 130							
1,4-Difluorobenzene (Surr)		118		70 - 130							

Lab Sample ID: MB 880-71673/5-A
Matrix: Solid
Analysis Batch: 71750

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71673

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Benzene	<0.00200	U	0.00200		mg/Kg		01/26/24 09:07	01/27/24 16:42		1
Toluene	<0.00200	U	0.00200		mg/Kg		01/26/24 09:07	01/27/24 16:42		1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/24 09:07	01/27/24 16:42		1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/26/24 09:07	01/27/24 16:42		1

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-71673/5-A

Matrix: Solid

Analysis Batch: 71750

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 71673

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/24 09:07	01/27/24 16:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/26/24 09:07	01/27/24 16:42	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	125		70 - 130	01/26/24 09:07	01/27/24 16:42	1
1,4-Difluorobenzene (Surr)	125		70 - 130	01/26/24 09:07	01/27/24 16:42	1

Lab Sample ID: LCS 880-71673/1-A

Matrix: Solid

Analysis Batch: 71750

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 71673

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.08727		mg/Kg		87	70 - 130
Toluene	0.100	0.08085		mg/Kg		81	70 - 130
Ethylbenzene	0.100	0.07871		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	0.200	0.1542		mg/Kg		77	70 - 130
o-Xylene	0.100	0.07973		mg/Kg		80	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-71673/2-A

Matrix: Solid

Analysis Batch: 71750

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 71673

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.09287		mg/Kg		93	70 - 130	6	35
Toluene	0.100	0.08689		mg/Kg		87	70 - 130	7	35
Ethylbenzene	0.100	0.1006		mg/Kg		101	70 - 130	24	35
m-Xylene & p-Xylene	0.200	0.1968		mg/Kg		98	70 - 130	24	35
o-Xylene	0.100	0.1017		mg/Kg		102	70 - 130	24	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-38285-71 MS

Matrix: Solid

Analysis Batch: 71750

Client Sample ID: T-10 (6.5')

Prep Type: Total/NA

Prep Batch: 71673

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00199	U	0.100	0.09541		mg/Kg		95	70 - 130
Toluene	<0.00199	U	0.100	0.09270		mg/Kg		93	70 - 130
Ethylbenzene	<0.00199	U	0.100	0.09347		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1897		mg/Kg		95	70 - 130
o-Xylene	<0.00199	U	0.100	0.09723		mg/Kg		97	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-38285-71 MS

Matrix: Solid

Analysis Batch: 71750

Client Sample ID: T-10 (6.5')

Prep Type: Total/NA

Prep Batch: 71673

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-38285-71 MSD

Matrix: Solid

Analysis Batch: 71750

Client Sample ID: T-10 (6.5')

Prep Type: Total/NA

Prep Batch: 71673

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.101	0.09738		mg/Kg		97	70 - 130	2	35
Toluene	<0.00199	U	0.101	0.09153		mg/Kg		91	70 - 130	1	35
Ethylbenzene	<0.00199	U	0.101	0.1000		mg/Kg		99	70 - 130	7	35
m-Xylene & p-Xylene	<0.00398	U	0.201	0.1940		mg/Kg		96	70 - 130	2	35
o-Xylene	<0.00199	U	0.101	0.09833		mg/Kg		97	70 - 130	1	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: MB 880-71690/5-A

Matrix: Solid

Analysis Batch: 71764

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 71690

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/26/24 11:23	01/28/24 23:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/26/24 11:23	01/28/24 23:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/24 11:23	01/28/24 23:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/26/24 11:23	01/28/24 23:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/24 11:23	01/28/24 23:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/26/24 11:23	01/28/24 23:01	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	76		70 - 130	01/26/24 11:23	01/28/24 23:01	1			
1,4-Difluorobenzene (Surr)	79		70 - 130	01/26/24 11:23	01/28/24 23:01	1			

Lab Sample ID: LCS 880-71690/1-A

Matrix: Solid

Analysis Batch: 71764

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 71690

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09301		mg/Kg		93	70 - 130
Toluene	0.100	0.09535		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.1044		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.1961		mg/Kg		98	70 - 130
o-Xylene	0.100	0.1177		mg/Kg		118	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-71690/1-A
Matrix: Solid
Analysis Batch: 71764

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71690

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-71690/2-A
Matrix: Solid
Analysis Batch: 71764

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71690

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09511		mg/Kg		95	70 - 130	2	35
Toluene	0.100	0.1015		mg/Kg		101	70 - 130	6	35
Ethylbenzene	0.100	0.1094		mg/Kg		109	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2236		mg/Kg		112	70 - 130	13	35
o-Xylene	0.100	0.1174		mg/Kg		117	70 - 130	0	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-38523-A-1-A MS
Matrix: Solid
Analysis Batch: 71764

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 71690

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.0996	0.09197		mg/Kg		92	70 - 130
Toluene	<0.00201	U	0.0996	0.09604		mg/Kg		96	70 - 130
Ethylbenzene	<0.00201	U	0.0996	0.1030		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.199	0.2081		mg/Kg		104	70 - 130
o-Xylene	<0.00201	U	0.0996	0.1053		mg/Kg		105	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-38523-A-1-B MSD
Matrix: Solid
Analysis Batch: 71764

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 71690

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.09055		mg/Kg		91	70 - 130	2	35
Toluene	<0.00201	U	0.0990	0.1004		mg/Kg		101	70 - 130	4	35
Ethylbenzene	<0.00201	U	0.0990	0.1148		mg/Kg		116	70 - 130	11	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.2240		mg/Kg		113	70 - 130	7	35
o-Xylene	<0.00201	U	0.0990	0.1109		mg/Kg		112	70 - 130	5	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-71488/2-A				Client Sample ID: Lab Control Sample						
Matrix: Solid				Prep Type: Total/NA						
Analysis Batch: 71467				Prep Batch: 71488						
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10			1000	928.1		mg/Kg		93	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	926.9		mg/Kg		93	70 - 130	
		LCS %Recovery	LCS Qualifier	Limits						
Surrogate										
1-Chlorooctane		96		70 - 130						
o-Terphenyl		122		70 - 130						

Lab Sample ID: LCSD 880-71488/3-A				Client Sample ID: Lab Control Sample Dup						
Matrix: Solid				Prep Type: Total/NA						
Analysis Batch: 71467				Prep Batch: 71488						
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	922.5		mg/Kg		92	70 - 130	1 20
Diesel Range Organics (Over C10-C28)			1000	915.7		mg/Kg		92	70 - 130	1 20
		LCSD %Recovery	LCSD Qualifier	Limits						
Surrogate										
1-Chlorooctane		92		70 - 130						
o-Terphenyl		108		70 - 130						

Lab Sample ID: 880-38285-1 MS				Client Sample ID: T-1 (0-1')						
Matrix: Solid				Prep Type: Total/NA						
Analysis Batch: 71467				Prep Batch: 71488						
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	767.0		mg/Kg		74	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	790.7		mg/Kg		79	70 - 130	
		MS %Recovery	MS Qualifier	Limits						
Surrogate										
1-Chlorooctane		75		70 - 130						
o-Terphenyl		68	S1-	70 - 130						

Lab Sample ID: 880-38285-1 MSD				Client Sample ID: T-1 (0-1')						
Matrix: Solid				Prep Type: Total/NA						
Analysis Batch: 71467				Prep Batch: 71488						
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	785.2		mg/Kg		76	70 - 130	2 20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	888.9		mg/Kg		89	70 - 130	12 20
		MSD %Recovery	MSD Qualifier	Limits						
Surrogate										
1-Chlorooctane		75		70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-38285-1 MSD
Matrix: Solid
Analysis Batch: 71467

Client Sample ID: T-1 (0-1')
Prep Type: Total/NA
Prep Batch: 71488

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
o-Terphenyl	71		70 - 130

Lab Sample ID: MB 880-71489/1-A
Matrix: Solid
Analysis Batch: 71467

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71489

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/24/24 08:44	01/24/24 19:28	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/24/24 08:44	01/24/24 19:28	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/24/24 08:44	01/24/24 19:28	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	84		70 - 130				01/24/24 08:44	01/24/24 19:28	1	
o-Terphenyl	83		70 - 130				01/24/24 08:44	01/24/24 19:28	1	

Lab Sample ID: LCS 880-71489/2-A
Matrix: Solid
Analysis Batch: 71467

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71489

Analyte	Spike	LCS	LCS					%Rec		
	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	1000	944.6		mg/Kg		94	70 - 130			
Diesel Range Organics (Over C10-C28)	1000	895.7		mg/Kg		90	70 - 130			
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	94		70 - 130							
o-Terphenyl	114		70 - 130							

Lab Sample ID: LCSD 880-71489/3-A
Matrix: Solid
Analysis Batch: 71467

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71489

				Spike	LCSD	LCSD				%Rec	RPD	
Analyte				Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10				1000	911.9		mg/Kg		91	70 - 130	4	20
Diesel Range Organics (Over C10-C28)				1000	849.7		mg/Kg		85	70 - 130	5	20
		LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	88		70 - 130									
o-Terphenyl	102		70 - 130									

QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-38285-21 MS

Matrix: Solid

Analysis Batch: 71467

Client Sample ID: T-4 (0-1')

Prep Type: Total/NA

Prep Batch: 71489

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.7	U F1 F2	998	708.7	F1	mg/Kg		68	70 - 130		
Diesel Range Organics (Over C10-C28)	59.4	F2 F1	998	789.9		mg/Kg		73	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	74		70 - 130								
o-Terphenyl	70		70 - 130								

Lab Sample ID: 880-38285-21 MSD

Matrix: Solid

Analysis Batch: 71467

Client Sample ID: T-4 (0-1')

Prep Type: Total/NA

Prep Batch: 71489

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.7	U F1 F2	998	<49.9	U F1 F2	mg/Kg		0.8	70 - 130	182	20
Diesel Range Organics (Over C10-C28)	59.4	F2 F1	998	<49.9	U F1 F2	mg/Kg		-4	70 - 130	192	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	75		70 - 130								
o-Terphenyl	77		70 - 130								

Lab Sample ID: MB 880-71490/1-A

Matrix: Solid

Analysis Batch: 71469

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 71490

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		01/24/24 08:49	01/24/24 19:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/24/24 08:49	01/24/24 19:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/24/24 08:49	01/24/24 19:28	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	85		70 - 130				01/24/24 08:49	01/24/24 19:28	1
o-Terphenyl	103		70 - 130				01/24/24 08:49	01/24/24 19:28	1

Lab Sample ID: LCS 880-71490/2-A

Matrix: Solid

Analysis Batch: 71469

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 71490

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	962.9		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	1000	950.4		mg/Kg		95	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-71490/2-A
Matrix: Solid
Analysis Batch: 71469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71490

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	113		70 - 130

Lab Sample ID: LCSD 880-71490/3-A
Matrix: Solid
Analysis Batch: 71469

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71490

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	958.6		mg/Kg		96	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	1087		mg/Kg		109	70 - 130	13	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	95		70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: 880-38285-41 MS
Matrix: Solid
Analysis Batch: 71469

Client Sample ID: T-7 (2')
Prep Type: Total/NA
Prep Batch: 71490

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	1010	792.5		mg/Kg		79	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.5	U	1010	955.0		mg/Kg		95	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	86		70 - 130
o-Terphenyl	87		70 - 130

Lab Sample ID: 880-38285-41 MSD
Matrix: Solid
Analysis Batch: 71469

Client Sample ID: T-7 (2')
Prep Type: Total/NA
Prep Batch: 71490

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	<49.5	U	1010	900.7		mg/Kg		89	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	<49.5	U	1010	1095		mg/Kg		109	70 - 130	14	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	97		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-71492/1-A
Matrix: Solid
Analysis Batch: 71548

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71492

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		01/24/24 08:53	01/25/24 07:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/24/24 08:53	01/25/24 07:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/24/24 08:53	01/25/24 07:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	01/24/24 08:53	01/25/24 07:26	1
o-Terphenyl	114		70 - 130	01/24/24 08:53	01/25/24 07:26	1

Lab Sample ID: LCS 880-71492/2-A
Matrix: Solid
Analysis Batch: 71548

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71492

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	865.5		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	906.2		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	81		70 - 130
o-Terphenyl	107		70 - 130

Lab Sample ID: LCSD 880-71492/3-A
Matrix: Solid
Analysis Batch: 71548

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71492

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	844.4		mg/Kg		84	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	908.1		mg/Kg		91	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	78		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: 880-38285-61 MS
Matrix: Solid
Analysis Batch: 71548

Client Sample ID: T-9 (9')
Prep Type: Total/NA
Prep Batch: 71492

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	999	767.3		mg/Kg		74	70 - 130
Diesel Range Organics (Over C10-C28)	<50.2	U	999	941.8		mg/Kg		94	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-38285-61 MS

Matrix: Solid

Analysis Batch: 71548

Client Sample ID: T-9 (9')

Prep Type: Total/NA

Prep Batch: 71492

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	95		70 - 130

Lab Sample ID: 880-38285-61 MSD

Matrix: Solid

Analysis Batch: 71548

Client Sample ID: T-9 (9')

Prep Type: Total/NA

Prep Batch: 71492

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	999	746.2		mg/Kg		72	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.2	U	999	959.8		mg/Kg		96	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	88		70 - 130								
o-Terphenyl	96		70 - 130								

Lab Sample ID: LCS 880-71493/2-A

Matrix: Solid

Analysis Batch: 71545

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 71493

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1080		mg/Kg		108	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1122		mg/Kg		112	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	113		70 - 130						
o-Terphenyl	138	S1+	70 - 130						

Lab Sample ID: LCSD 880-71493/3-A

Matrix: Solid

Analysis Batch: 71545

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 71493

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1123		mg/Kg		112	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	1227		mg/Kg		123	70 - 130	9	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	116		70 - 130						
o-Terphenyl	140	S1+	70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-38285-81 MS

Matrix: Solid

Analysis Batch: 71545

Client Sample ID: T-12 (0-1')

Prep Type: Total/NA

Prep Batch: 71493

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	998	806.1		mg/Kg		77	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.7	U	998	805.8		mg/Kg		78	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	90		70 - 130								
o-Terphenyl	84		70 - 130								

Lab Sample ID: 880-38285-81 MSD

Matrix: Solid

Analysis Batch: 71545

Client Sample ID: T-12 (0-1')

Prep Type: Total/NA

Prep Batch: 71493

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limits
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	998	787.1		mg/Kg		75	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.7	U	998	866.8		mg/Kg		84	70 - 130	7	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	87		70 - 130								
o-Terphenyl	82		70 - 130								

Lab Sample ID: MB 880-71494/1-A

Matrix: Solid

Analysis Batch: 71545

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 71494

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		01/24/24 09:03	01/25/24 19:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/24/24 09:03	01/25/24 19:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/24/24 09:03	01/25/24 19:43	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	97		70 - 130				01/24/24 09:03	01/25/24 19:43	1
o-Terphenyl	104		70 - 130				01/24/24 09:03	01/25/24 19:43	1

Lab Sample ID: LCS 880-71494/2-A

Matrix: Solid

Analysis Batch: 71545

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 71494

Analyte	Spike	LCS	Unit	D	%Rec	%Rec
	Added	Result				Qualifier
Gasoline Range Organics (GRO)-C6-C10	1000	991.7	mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	1000	988.8	mg/Kg		99	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-71494/2-A
Matrix: Solid
Analysis Batch: 71545

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71494

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: LCSD 880-71494/3-A
Matrix: Solid
Analysis Batch: 71545

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71494

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	976.2		mg/Kg		98	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	963.2		mg/Kg		96	70 - 130	3	20
Surrogate		LCSD %Recovery	LCSD Qualifier	Limits					
1-Chlorooctane		90		70 - 130					
o-Terphenyl		108		70 - 130					

Lab Sample ID: 880-38285-101 MS
Matrix: Solid
Analysis Batch: 71545

Client Sample ID: T-14 (5')
Prep Type: Total/NA
Prep Batch: 71494

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	999	871.2		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	999	963.8		mg/Kg		94	70 - 130		
Surrogate		MS %Recovery	MS Qualifier	Limits							
1-Chlorooctane		92		70 - 130							
o-Terphenyl		86		70 - 130							

Lab Sample ID: 880-38285-101 MSD
Matrix: Solid
Analysis Batch: 71545

Client Sample ID: T-14 (5')
Prep Type: Total/NA
Prep Batch: 71494

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	999	905.0		mg/Kg		91	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.8	U	999	1023		mg/Kg		100	70 - 130	6	20
Surrogate		MSD %Recovery	MSD Qualifier	Limits							
1-Chlorooctane		96		70 - 130							
o-Terphenyl		90		70 - 130							

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) - RA2

Lab Sample ID: MB 880-71488/1-A

Matrix: Solid

Analysis Batch: 71467

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 71488

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 - RA2	<50.0	U	50.0		mg/Kg		01/24/24 07:00	01/24/24 07:33	1
Diesel Range Organics (Over C10-C28) - RA2	<50.0	U	50.0		mg/Kg		01/24/24 07:00	01/24/24 07:33	1
Oil Range Organics (Over C28-C36) - RA2	<50.0	U	50.0		mg/Kg		01/24/24 07:00	01/24/24 07:33	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane - RA2	81		70 - 130				01/24/24 07:00	01/24/24 07:33	1
o-Terphenyl - RA2	87		70 - 130				01/24/24 07:00	01/24/24 07:33	1

Lab Sample ID: MB 880-71493/1-A

Matrix: Solid

Analysis Batch: 71545

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 71493

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 - RA2	<50.0	U	50.0		mg/Kg		01/24/24 08:58	01/25/24 07:26	1
Diesel Range Organics (Over C10-C28) - RA2	<50.0	U	50.0		mg/Kg		01/24/24 08:58	01/25/24 07:26	1
Oil Range Organics (Over C28-C36) - RA2	<50.0	U	50.0		mg/Kg		01/24/24 08:58	01/25/24 07:26	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane - RA2	93		70 - 130				01/24/24 08:58	01/25/24 07:26	1
o-Terphenyl - RA2	105		70 - 130				01/24/24 08:58	01/25/24 07:26	1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-71470/1-A

Matrix: Solid

Analysis Batch: 71515

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			01/24/24 12:43	1

Lab Sample ID: LCS 880-71470/2-A

Matrix: Solid

Analysis Batch: 71515

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	262.4		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-71470/3-A

Matrix: Solid

Analysis Batch: 71515

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	262.1		mg/Kg		105	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-38400-A-1-B MS

Matrix: Solid

Analysis Batch: 71515

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	426		252	675.4		mg/Kg		99	90 - 110

Lab Sample ID: 880-38400-A-1-C MSD

Matrix: Solid

Analysis Batch: 71515

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	426		252	671.8		mg/Kg		98	90 - 110	1	20

Lab Sample ID: MB 880-71418/1-A

Matrix: Solid

Analysis Batch: 71598

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			01/25/24 19:52	1

Lab Sample ID: LCS 880-71418/2-A

Matrix: Solid

Analysis Batch: 71598

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.1		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-71418/3-A

Matrix: Solid

Analysis Batch: 71598

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	250.5		mg/Kg		100	90 - 110	3	20

Lab Sample ID: 880-38285-4 MS

Matrix: Solid

Analysis Batch: 71598

Client Sample ID: T-1 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4910	F1	2520	8118	F1	mg/Kg		127	90 - 110

Lab Sample ID: 880-38285-4 MSD

Matrix: Solid

Analysis Batch: 71598

Client Sample ID: T-1 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4910	F1	2520	8175	F1	mg/Kg		130	90 - 110	1	20

Lab Sample ID: MB 880-71420/1-A

Matrix: Solid

Analysis Batch: 71604

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			01/26/24 01:52	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-71420/2-A
Matrix: Solid
Analysis Batch: 71604

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.1		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-71420/3-A
Matrix: Solid
Analysis Batch: 71604

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	254.8		mg/Kg		102	90 - 110	2	20

Lab Sample ID: 880-38285-14 MS
Matrix: Solid
Analysis Batch: 71604

Client Sample ID: T-2 (7')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	9.21		249	264.1		mg/Kg		103	90 - 110

Lab Sample ID: 880-38285-14 MSD
Matrix: Solid
Analysis Batch: 71604

Client Sample ID: T-2 (7')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	9.21		249	267.9		mg/Kg		104	90 - 110	1	20

Lab Sample ID: 880-38285-24 MS
Matrix: Solid
Analysis Batch: 71604

Client Sample ID: T-4 (3')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5140	F1	2520	8052	F1	mg/Kg		116	90 - 110

Lab Sample ID: 880-38285-24 MSD
Matrix: Solid
Analysis Batch: 71604

Client Sample ID: T-4 (3')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5140	F1	2520	8109	F1	mg/Kg		118	90 - 110	1	20

Lab Sample ID: MB 880-71423/1-A
Matrix: Solid
Analysis Batch: 71605

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			01/26/24 05:09	1

Lab Sample ID: LCS 880-71423/2-A
Matrix: Solid
Analysis Batch: 71605

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	254.7		mg/Kg		102	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-71423/3-A
Matrix: Solid
Analysis Batch: 71605

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	259.0		mg/Kg		104	90 - 110	2	20

Lab Sample ID: 880-38285-34 MS
Matrix: Solid
Analysis Batch: 71605

Client Sample ID: T-6 (1.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2290	F1	1260	3671		mg/Kg		109	90 - 110		

Lab Sample ID: 880-38285-34 MSD
Matrix: Solid
Analysis Batch: 71605

Client Sample ID: T-6 (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	2290	F1	1260	3706	F1	mg/Kg		112	90 - 110	1	20

Lab Sample ID: 880-38285-44 MS
Matrix: Solid
Analysis Batch: 71605

Client Sample ID: T-7 (5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	9.75		252	268.6		mg/Kg		103	90 - 110		

Lab Sample ID: 880-38285-44 MSD
Matrix: Solid
Analysis Batch: 71605

Client Sample ID: T-7 (5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	9.75		252	270.4		mg/Kg		104	90 - 110	1	20

Lab Sample ID: MB 880-71429/1-A
Matrix: Solid
Analysis Batch: 71613

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			01/26/24 08:22	1

Lab Sample ID: LCS 880-71429/2-A
Matrix: Solid
Analysis Batch: 71613

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	249.3		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-71429/3-A
Matrix: Solid
Analysis Batch: 71613

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	261.4		mg/Kg		105	90 - 110	5	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-38285-54 MS Matrix: Solid Analysis Batch: 71613											Client Sample ID: T-9 (2') Prep Type: Soluble		
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits				
Chloride	6290	F1	2510	9060		mg/Kg		110	90 - 110				
Lab Sample ID: 880-38285-54 MSD Matrix: Solid Analysis Batch: 71613											Client Sample ID: T-9 (2') Prep Type: Soluble		
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit		
Chloride	6290	F1	2510	9407	F1	mg/Kg		124	90 - 110	4	20		
Lab Sample ID: 880-38285-64 MS Matrix: Solid Analysis Batch: 71613											Client Sample ID: T-10 (0-1') Prep Type: Soluble		
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits				
Chloride	7230	F1	2510	10760	F1	mg/Kg		141	90 - 110				
Lab Sample ID: 880-38285-64 MSD Matrix: Solid Analysis Batch: 71613											Client Sample ID: T-10 (0-1') Prep Type: Soluble		
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit		
Chloride	7230	F1	2510	11030	F1	mg/Kg		152	90 - 110	2	20		
Lab Sample ID: MB 880-71431/1-A Matrix: Solid Analysis Batch: 71614											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			01/26/24 11:11	1				
Lab Sample ID: LCS 880-71431/2-A Matrix: Solid Analysis Batch: 71614											Client Sample ID: Lab Control Sample Prep Type: Soluble		
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits				
Chloride			250	249.7		mg/Kg		100	90 - 110				
Lab Sample ID: LCSD 880-71431/3-A Matrix: Solid Analysis Batch: 71614											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	258.7		mg/Kg		103	90 - 110	4	20		
Lab Sample ID: 880-38285-74 MS Matrix: Solid Analysis Batch: 71614											Client Sample ID: T-11 (2') Prep Type: Soluble		
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits				
Chloride	7420	F1	2490	10140		mg/Kg		109	90 - 110				

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-38285-74 MSD
Matrix: Solid
Analysis Batch: 71614

Client Sample ID: T-11 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7420	F1	2490	10190	F1	mg/Kg		111	90 - 110	1	20

Lab Sample ID: 880-38285-84 MS
Matrix: Solid
Analysis Batch: 71614

Client Sample ID: T-12 (3')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	246		251	510.4		mg/Kg		105	90 - 110		

Lab Sample ID: 880-38285-84 MSD
Matrix: Solid
Analysis Batch: 71614

Client Sample ID: T-12 (3')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	246		251	520.3		mg/Kg		109	90 - 110	2	20

Lab Sample ID: MB 880-71432/1-A
Matrix: Solid
Analysis Batch: 71615

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			01/25/24 22:57	1

Lab Sample ID: LCS 880-71432/2-A
Matrix: Solid
Analysis Batch: 71615

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	257.6		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-71432/3-A
Matrix: Solid
Analysis Batch: 71615

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	255.6		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 880-38285-94 MS
Matrix: Solid
Analysis Batch: 71615

Client Sample ID: T-13 (6')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	92.9		248	343.0		mg/Kg		101	90 - 110		

Lab Sample ID: 880-38285-94 MSD
Matrix: Solid
Analysis Batch: 71615

Client Sample ID: T-13 (6')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	92.9		248	343.3		mg/Kg		101	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-38285-104 MS

Client Sample ID: T-15 (0-1')

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 71615

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7100	F1	2500	10280	F1	mg/Kg		127	90 - 110

Lab Sample ID: 880-38285-104 MSD

Client Sample ID: T-15 (0-1')

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 71615

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7100	F1	2500	10220	F1	mg/Kg		125	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 71411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-71411/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 71414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-1	T-1 (0-1')	Total/NA	Solid	5035	
880-38285-2	T-1 (1.5')	Total/NA	Solid	5035	
880-38285-3	T-1 (2')	Total/NA	Solid	5035	
880-38285-4	T-1 (3')	Total/NA	Solid	5035	
880-38285-5	T-1 (4')	Total/NA	Solid	5035	
880-38285-6	T-1 (5')	Total/NA	Solid	5035	
880-38285-7	T-2 (0-1')	Total/NA	Solid	5035	
880-38285-8	T-2 (1.5')	Total/NA	Solid	5035	
880-38285-9	T-2 (2')	Total/NA	Solid	5035	
880-38285-10	T-2 (3')	Total/NA	Solid	5035	
880-38285-11	T-2 (4')	Total/NA	Solid	5035	
880-38285-12	T-2 (5')	Total/NA	Solid	5035	
880-38285-13	T-2 (6')	Total/NA	Solid	5035	
880-38285-14	T-2 (7')	Total/NA	Solid	5035	
880-38285-15	T-3 (0-1')	Total/NA	Solid	5035	
880-38285-16	T-3 (1.5')	Total/NA	Solid	5035	
880-38285-17	T-3 (2')	Total/NA	Solid	5035	
880-38285-18	T-3 (3')	Total/NA	Solid	5035	
880-38285-19	T-3 (4')	Total/NA	Solid	5035	
880-38285-20	T-3 (5')	Total/NA	Solid	5035	
MB 880-71414/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71414/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71414/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-38285-1 MS	T-1 (0-1')	Total/NA	Solid	5035	
880-38285-1 MSD	T-1 (0-1')	Total/NA	Solid	5035	

Prep Batch: 71415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-21	T-4 (0-1')	Total/NA	Solid	5035	
880-38285-22	T-4 (1.5')	Total/NA	Solid	5035	
880-38285-23	T-4 (2')	Total/NA	Solid	5035	
880-38285-24	T-4 (3')	Total/NA	Solid	5035	
880-38285-25	T-4 (4')	Total/NA	Solid	5035	
880-38285-26	T-4 (5')	Total/NA	Solid	5035	
880-38285-27	T-5 (0-1')	Total/NA	Solid	5035	
880-38285-28	T-5 (1.5')	Total/NA	Solid	5035	
880-38285-29	T-5 (2')	Total/NA	Solid	5035	
MB 880-71415/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71415/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71415/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-38285-21 MS	T-4 (0-1')	Total/NA	Solid	5035	
880-38285-21 MSD	T-4 (0-1')	Total/NA	Solid	5035	

Prep Batch: 71416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-41	T-7 (2')	Total/NA	Solid	5035	
880-38285-42	T-7 (3')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 71416 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-43	T-7 (4')	Total/NA	Solid	5035	
880-38285-44	T-7 (5')	Total/NA	Solid	5035	
880-38285-45	T-8 (0-1')	Total/NA	Solid	5035	
880-38285-46	T-8 (1.5')	Total/NA	Solid	5035	
880-38285-47	T-8 (2')	Total/NA	Solid	5035	
880-38285-48	T-8 (3')	Total/NA	Solid	5035	
880-38285-49	T-8 (4')	Total/NA	Solid	5035	
880-38285-50	T-8 (5')	Total/NA	Solid	5035	
880-38285-51	T-8 (6')	Total/NA	Solid	5035	
880-38285-52	T-9 (0-1')	Total/NA	Solid	5035	
880-38285-53	T-9 (1.5')	Total/NA	Solid	5035	
880-38285-54	T-9 (2')	Total/NA	Solid	5035	
880-38285-55	T-9 (3')	Total/NA	Solid	5035	
880-38285-56	T-9 (4')	Total/NA	Solid	5035	
880-38285-57	T-9 (5')	Total/NA	Solid	5035	
880-38285-58	T-9 (6')	Total/NA	Solid	5035	
880-38285-59	T-9 (7')	Total/NA	Solid	5035	
880-38285-60	T-9 (8')	Total/NA	Solid	5035	
MB 880-71416/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71416/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71416/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-38285-41 MS	T-7 (2')	Total/NA	Solid	5035	
880-38285-41 MSD	T-7 (2')	Total/NA	Solid	5035	

Prep Batch: 71419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-61	T-9 (9')	Total/NA	Solid	5035	
880-38285-62	T-9 (10')	Total/NA	Solid	5035	
880-38285-63	T-9 (11')	Total/NA	Solid	5035	
880-38285-64	T-10 (0-1')	Total/NA	Solid	5035	
880-38285-65	T-10 (1.5')	Total/NA	Solid	5035	
880-38285-66	T-10 (2')	Total/NA	Solid	5035	
880-38285-67	T-10 (3')	Total/NA	Solid	5035	
880-38285-68	T-10 (4')	Total/NA	Solid	5035	
880-38285-69	T-10 (5')	Total/NA	Solid	5035	
880-38285-70	T-10 (6')	Total/NA	Solid	5035	
MB 880-71419/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71419/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71419/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-38285-61 MS	T-9 (9')	Total/NA	Solid	5035	
880-38285-61 MSD	T-9 (9')	Total/NA	Solid	5035	

Prep Batch: 71430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-81	T-12 (0-1')	Total/NA	Solid	5035	
880-38285-82	T-12 (1.5')	Total/NA	Solid	5035	
880-38285-83	T-12 (2')	Total/NA	Solid	5035	
880-38285-84	T-12 (3')	Total/NA	Solid	5035	
880-38285-85	T-12 (4')	Total/NA	Solid	5035	
880-38285-86	T-12 (5')	Total/NA	Solid	5035	
880-38285-87	T-12 (6')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 71430 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-88	T-13 (0-1')	Total/NA	Solid	5035	
880-38285-89	T-13 (1.5')	Total/NA	Solid	5035	
880-38285-90	T-13 (2')	Total/NA	Solid	5035	
880-38285-91	T-13 (3')	Total/NA	Solid	5035	
880-38285-92	T-13 (4')	Total/NA	Solid	5035	
880-38285-93	T-13 (5')	Total/NA	Solid	5035	
880-38285-94	T-13 (6')	Total/NA	Solid	5035	
880-38285-95	T-13 (7')	Total/NA	Solid	5035	
880-38285-96	T-14 (0-1')	Total/NA	Solid	5035	
880-38285-97	T-14 (1.5')	Total/NA	Solid	5035	
880-38285-98	T-14 (2')	Total/NA	Solid	5035	
880-38285-99	T-14 (3')	Total/NA	Solid	5035	
880-38285-100	T-14 (4')	Total/NA	Solid	5035	
MB 880-71430/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71430/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71430/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-38285-81 MS	T-12 (0-1')	Total/NA	Solid	5035	
880-38285-81 MSD	T-12 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 71433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-21	T-4 (0-1')	Total/NA	Solid	8021B	71415
880-38285-22	T-4 (1.5')	Total/NA	Solid	8021B	71415
880-38285-23	T-4 (2')	Total/NA	Solid	8021B	71415
880-38285-24	T-4 (3')	Total/NA	Solid	8021B	71415
880-38285-25	T-4 (4')	Total/NA	Solid	8021B	71415
880-38285-26	T-4 (5')	Total/NA	Solid	8021B	71415
880-38285-27	T-5 (0-1')	Total/NA	Solid	8021B	71415
880-38285-28	T-5 (1.5')	Total/NA	Solid	8021B	71415
880-38285-29	T-5 (2')	Total/NA	Solid	8021B	71415
MB 880-71411/5-A	Method Blank	Total/NA	Solid	8021B	71411
MB 880-71415/5-A	Method Blank	Total/NA	Solid	8021B	71415
LCS 880-71415/1-A	Lab Control Sample	Total/NA	Solid	8021B	71415
LCSD 880-71415/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71415
880-38285-21 MS	T-4 (0-1')	Total/NA	Solid	8021B	71415
880-38285-21 MSD	T-4 (0-1')	Total/NA	Solid	8021B	71415

Prep Batch: 71461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-101	T-14 (5')	Total/NA	Solid	5035	
880-38285-102	T-14 (6')	Total/NA	Solid	5035	
880-38285-103	T-14 (7')	Total/NA	Solid	5035	
880-38285-104	T-15 (0-1')	Total/NA	Solid	5035	
880-38285-105	T-15 (1.5')	Total/NA	Solid	5035	
880-38285-106	T-15 (2')	Total/NA	Solid	5035	
880-38285-107	T-15 (3')	Total/NA	Solid	5035	
880-38285-108	T-15 (4')	Total/NA	Solid	5035	
880-38285-109	T-15 (5')	Total/NA	Solid	5035	
880-38285-110	T-15 (6')	Total/NA	Solid	5035	
880-38285-111	T-16 (0-1')	Total/NA	Solid	5035	
880-38285-112	T-16 (1.5')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 71461 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-113	T-16 (2')	Total/NA	Solid	5035	
880-38285-114	T-16 (3')	Total/NA	Solid	5035	
880-38285-115	T-16 (4')	Total/NA	Solid	5035	
880-38285-116	T-16 (5')	Total/NA	Solid	5035	
MB 880-71461/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71461/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71461/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-38285-101 MS	T-14 (5')	Total/NA	Solid	5035	
880-38285-101 MSD	T-14 (5')	Total/NA	Solid	5035	

Analysis Batch: 71471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-1	T-1 (0-1')	Total/NA	Solid	8021B	71414
880-38285-2	T-1 (1.5')	Total/NA	Solid	8021B	71414
880-38285-3	T-1 (2')	Total/NA	Solid	8021B	71414
880-38285-4	T-1 (3')	Total/NA	Solid	8021B	71414
880-38285-5	T-1 (4')	Total/NA	Solid	8021B	71414
880-38285-6	T-1 (5')	Total/NA	Solid	8021B	71414
880-38285-7	T-2 (0-1')	Total/NA	Solid	8021B	71414
880-38285-8	T-2 (1.5')	Total/NA	Solid	8021B	71414
880-38285-9	T-2 (2')	Total/NA	Solid	8021B	71414
880-38285-10	T-2 (3')	Total/NA	Solid	8021B	71414
880-38285-11	T-2 (4')	Total/NA	Solid	8021B	71414
880-38285-12	T-2 (5')	Total/NA	Solid	8021B	71414
880-38285-13	T-2 (6')	Total/NA	Solid	8021B	71414
880-38285-14	T-2 (7')	Total/NA	Solid	8021B	71414
880-38285-15	T-3 (0-1')	Total/NA	Solid	8021B	71414
880-38285-16	T-3 (1.5')	Total/NA	Solid	8021B	71414
880-38285-17	T-3 (2')	Total/NA	Solid	8021B	71414
880-38285-18	T-3 (3')	Total/NA	Solid	8021B	71414
880-38285-19	T-3 (4')	Total/NA	Solid	8021B	71414
880-38285-20	T-3 (5')	Total/NA	Solid	8021B	71414
MB 880-71414/5-A	Method Blank	Total/NA	Solid	8021B	71414
MB 880-71473/5-A	Method Blank	Total/NA	Solid	8021B	71473
LCS 880-71414/1-A	Lab Control Sample	Total/NA	Solid	8021B	71414
LCSD 880-71414/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71414
880-38285-1 MS	T-1 (0-1')	Total/NA	Solid	8021B	71414
880-38285-1 MSD	T-1 (0-1')	Total/NA	Solid	8021B	71414

Prep Batch: 71473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-71473/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 71516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-71516/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 71559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-101	T-14 (5')	Total/NA	Solid	8021B	71461
880-38285-101	T-14 (5')	Total/NA	Solid	8021B	71461

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 71559 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-102	T-14 (6')	Total/NA	Solid	8021B	71461
880-38285-103	T-14 (7')	Total/NA	Solid	8021B	71461
880-38285-104	T-15 (0-1')	Total/NA	Solid	8021B	71461
880-38285-105	T-15 (1.5')	Total/NA	Solid	8021B	71461
880-38285-106	T-15 (2')	Total/NA	Solid	8021B	71461
880-38285-107	T-15 (3')	Total/NA	Solid	8021B	71461
880-38285-108	T-15 (4')	Total/NA	Solid	8021B	71461
880-38285-109	T-15 (5')	Total/NA	Solid	8021B	71461
880-38285-110	T-15 (6')	Total/NA	Solid	8021B	71461
880-38285-111	T-16 (0-1')	Total/NA	Solid	8021B	71461
880-38285-112	T-16 (1.5')	Total/NA	Solid	8021B	71461
880-38285-113	T-16 (2')	Total/NA	Solid	8021B	71461
880-38285-114	T-16 (3')	Total/NA	Solid	8021B	71461
880-38285-115	T-16 (4')	Total/NA	Solid	8021B	71461
880-38285-116	T-16 (5')	Total/NA	Solid	8021B	71461
MB 880-71461/5-A	Method Blank	Total/NA	Solid	8021B	71461
LCS 880-71461/1-A	Lab Control Sample	Total/NA	Solid	8021B	71461
LCSD 880-71461/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71461
880-38285-101 MS	T-14 (5')	Total/NA	Solid	8021B	71461
880-38285-101 MSD	T-14 (5')	Total/NA	Solid	8021B	71461

Analysis Batch: 71562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-61	T-9 (9')	Total/NA	Solid	8021B	71419
880-38285-62	T-9 (10')	Total/NA	Solid	8021B	71419
880-38285-63	T-9 (11')	Total/NA	Solid	8021B	71419
880-38285-64	T-10 (0-1')	Total/NA	Solid	8021B	71419
880-38285-65	T-10 (1.5')	Total/NA	Solid	8021B	71419
880-38285-66	T-10 (2')	Total/NA	Solid	8021B	71419
880-38285-67	T-10 (3')	Total/NA	Solid	8021B	71419
880-38285-68	T-10 (4')	Total/NA	Solid	8021B	71419
880-38285-69	T-10 (5')	Total/NA	Solid	8021B	71419
880-38285-70	T-10 (6')	Total/NA	Solid	8021B	71419
MB 880-71419/5-A	Method Blank	Total/NA	Solid	8021B	71419
MB 880-71516/5-A	Method Blank	Total/NA	Solid	8021B	71516
LCS 880-71419/1-A	Lab Control Sample	Total/NA	Solid	8021B	71419
LCSD 880-71419/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71419
880-38285-61 MS	T-9 (9')	Total/NA	Solid	8021B	71419
880-38285-61 MSD	T-9 (9')	Total/NA	Solid	8021B	71419

Analysis Batch: 71625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-41	T-7 (2')	Total/NA	Solid	8021B	71416
880-38285-42	T-7 (3')	Total/NA	Solid	8021B	71416
880-38285-43	T-7 (4')	Total/NA	Solid	8021B	71416
880-38285-44	T-7 (5')	Total/NA	Solid	8021B	71416
880-38285-45	T-8 (0-1')	Total/NA	Solid	8021B	71416
880-38285-46	T-8 (1.5')	Total/NA	Solid	8021B	71416
880-38285-47	T-8 (2')	Total/NA	Solid	8021B	71416
880-38285-48	T-8 (3')	Total/NA	Solid	8021B	71416
880-38285-49	T-8 (4')	Total/NA	Solid	8021B	71416

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 71625 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-50	T-8 (5')	Total/NA	Solid	8021B	71416
880-38285-51	T-8 (6')	Total/NA	Solid	8021B	71416
880-38285-52	T-9 (0-1')	Total/NA	Solid	8021B	71416
880-38285-53	T-9 (1.5')	Total/NA	Solid	8021B	71416
880-38285-54	T-9 (2')	Total/NA	Solid	8021B	71416
880-38285-55	T-9 (3')	Total/NA	Solid	8021B	71416
880-38285-56	T-9 (4')	Total/NA	Solid	8021B	71416
880-38285-57	T-9 (5')	Total/NA	Solid	8021B	71416
880-38285-58	T-9 (6')	Total/NA	Solid	8021B	71416
880-38285-59	T-9 (7')	Total/NA	Solid	8021B	71416
880-38285-60	T-9 (8')	Total/NA	Solid	8021B	71416
MB 880-71416/5-A	Method Blank	Total/NA	Solid	8021B	71416
LCS 880-71416/1-A	Lab Control Sample	Total/NA	Solid	8021B	71416
LCSD 880-71416/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71416
880-38285-41 MS	T-7 (2')	Total/NA	Solid	8021B	71416
880-38285-41 MSD	T-7 (2')	Total/NA	Solid	8021B	71416

Analysis Batch: 71652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-1	T-1 (0-1')	Total/NA	Solid	Total BTEX	
880-38285-2	T-1 (1.5')	Total/NA	Solid	Total BTEX	
880-38285-3	T-1 (2')	Total/NA	Solid	Total BTEX	
880-38285-4	T-1 (3')	Total/NA	Solid	Total BTEX	
880-38285-5	T-1 (4')	Total/NA	Solid	Total BTEX	
880-38285-6	T-1 (5')	Total/NA	Solid	Total BTEX	
880-38285-7	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-38285-8	T-2 (1.5')	Total/NA	Solid	Total BTEX	
880-38285-9	T-2 (2')	Total/NA	Solid	Total BTEX	
880-38285-10	T-2 (3')	Total/NA	Solid	Total BTEX	
880-38285-11	T-2 (4')	Total/NA	Solid	Total BTEX	
880-38285-12	T-2 (5')	Total/NA	Solid	Total BTEX	
880-38285-13	T-2 (6')	Total/NA	Solid	Total BTEX	
880-38285-14	T-2 (7')	Total/NA	Solid	Total BTEX	
880-38285-15	T-3 (0-1')	Total/NA	Solid	Total BTEX	
880-38285-16	T-3 (1.5')	Total/NA	Solid	Total BTEX	
880-38285-17	T-3 (2')	Total/NA	Solid	Total BTEX	
880-38285-18	T-3 (3')	Total/NA	Solid	Total BTEX	
880-38285-19	T-3 (4')	Total/NA	Solid	Total BTEX	
880-38285-20	T-3 (5')	Total/NA	Solid	Total BTEX	
880-38285-21	T-4 (0-1')	Total/NA	Solid	Total BTEX	
880-38285-22	T-4 (1.5')	Total/NA	Solid	Total BTEX	
880-38285-23	T-4 (2')	Total/NA	Solid	Total BTEX	
880-38285-24	T-4 (3')	Total/NA	Solid	Total BTEX	
880-38285-25	T-4 (4')	Total/NA	Solid	Total BTEX	
880-38285-26	T-4 (5')	Total/NA	Solid	Total BTEX	
880-38285-27	T-5 (0-1')	Total/NA	Solid	Total BTEX	
880-38285-28	T-5 (1.5')	Total/NA	Solid	Total BTEX	
880-38285-29	T-5 (2')	Total/NA	Solid	Total BTEX	
880-38285-30	T-5 (3')	Total/NA	Solid	Total BTEX	
880-38285-31	T-5 (4')	Total/NA	Solid	Total BTEX	
880-38285-32	T-5 (5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 71652 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-33	T-6 (0-1')	Total/NA	Solid	Total BTEX	
880-38285-34	T-6 (1.5')	Total/NA	Solid	Total BTEX	
880-38285-35	T-6 (2')	Total/NA	Solid	Total BTEX	
880-38285-36	T-6 (3')	Total/NA	Solid	Total BTEX	
880-38285-37	T-6 (4')	Total/NA	Solid	Total BTEX	
880-38285-38	T-6 (5')	Total/NA	Solid	Total BTEX	
880-38285-39	T-7 (0-1')	Total/NA	Solid	Total BTEX	
880-38285-40	T-7 (1.5')	Total/NA	Solid	Total BTEX	
880-38285-41	T-7 (2')	Total/NA	Solid	Total BTEX	
880-38285-42	T-7 (3')	Total/NA	Solid	Total BTEX	
880-38285-43	T-7 (4')	Total/NA	Solid	Total BTEX	
880-38285-44	T-7 (5')	Total/NA	Solid	Total BTEX	
880-38285-45	T-8 (0-1')	Total/NA	Solid	Total BTEX	
880-38285-46	T-8 (1.5')	Total/NA	Solid	Total BTEX	
880-38285-47	T-8 (2')	Total/NA	Solid	Total BTEX	
880-38285-48	T-8 (3')	Total/NA	Solid	Total BTEX	
880-38285-49	T-8 (4')	Total/NA	Solid	Total BTEX	
880-38285-50	T-8 (5')	Total/NA	Solid	Total BTEX	
880-38285-51	T-8 (6')	Total/NA	Solid	Total BTEX	
880-38285-52	T-9 (0-1')	Total/NA	Solid	Total BTEX	
880-38285-53	T-9 (1.5')	Total/NA	Solid	Total BTEX	
880-38285-54	T-9 (2')	Total/NA	Solid	Total BTEX	
880-38285-55	T-9 (3')	Total/NA	Solid	Total BTEX	
880-38285-56	T-9 (4')	Total/NA	Solid	Total BTEX	
880-38285-57	T-9 (5')	Total/NA	Solid	Total BTEX	
880-38285-58	T-9 (6')	Total/NA	Solid	Total BTEX	
880-38285-59	T-9 (7')	Total/NA	Solid	Total BTEX	
880-38285-60	T-9 (8')	Total/NA	Solid	Total BTEX	
880-38285-61	T-9 (9')	Total/NA	Solid	Total BTEX	
880-38285-62	T-9 (10')	Total/NA	Solid	Total BTEX	
880-38285-63	T-9 (11')	Total/NA	Solid	Total BTEX	
880-38285-64	T-10 (0-1')	Total/NA	Solid	Total BTEX	
880-38285-65	T-10 (1.5')	Total/NA	Solid	Total BTEX	
880-38285-66	T-10 (2')	Total/NA	Solid	Total BTEX	
880-38285-67	T-10 (3')	Total/NA	Solid	Total BTEX	
880-38285-68	T-10 (4')	Total/NA	Solid	Total BTEX	
880-38285-69	T-10 (5')	Total/NA	Solid	Total BTEX	
880-38285-70	T-10 (6')	Total/NA	Solid	Total BTEX	
880-38285-71	T-10 (6.5')	Total/NA	Solid	Total BTEX	
880-38285-72	T-11 (0-1')	Total/NA	Solid	Total BTEX	
880-38285-73	T-11 (1.5')	Total/NA	Solid	Total BTEX	
880-38285-74	T-11 (2')	Total/NA	Solid	Total BTEX	
880-38285-75	T-11 (3')	Total/NA	Solid	Total BTEX	
880-38285-76	T-11 (4')	Total/NA	Solid	Total BTEX	
880-38285-77	T-11 (5')	Total/NA	Solid	Total BTEX	
880-38285-78	T-11 (6')	Total/NA	Solid	Total BTEX	
880-38285-79	T-11 (7')	Total/NA	Solid	Total BTEX	
880-38285-80	T-11 (7.5')	Total/NA	Solid	Total BTEX	
880-38285-81	T-12 (0-1')	Total/NA	Solid	Total BTEX	
880-38285-82	T-12 (1.5')	Total/NA	Solid	Total BTEX	
880-38285-83	T-12 (2')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 71652 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-84	T-12 (3')	Total/NA	Solid	Total BTEX	
880-38285-85	T-12 (4')	Total/NA	Solid	Total BTEX	
880-38285-86	T-12 (5')	Total/NA	Solid	Total BTEX	
880-38285-87	T-12 (6')	Total/NA	Solid	Total BTEX	
880-38285-88	T-13 (0-1')	Total/NA	Solid	Total BTEX	
880-38285-89	T-13 (1.5')	Total/NA	Solid	Total BTEX	
880-38285-90	T-13 (2')	Total/NA	Solid	Total BTEX	
880-38285-91	T-13 (3')	Total/NA	Solid	Total BTEX	
880-38285-92	T-13 (4')	Total/NA	Solid	Total BTEX	
880-38285-93	T-13 (5')	Total/NA	Solid	Total BTEX	
880-38285-94	T-13 (6')	Total/NA	Solid	Total BTEX	
880-38285-95	T-13 (7')	Total/NA	Solid	Total BTEX	
880-38285-96	T-14 (0-1')	Total/NA	Solid	Total BTEX	
880-38285-97	T-14 (1.5')	Total/NA	Solid	Total BTEX	
880-38285-98	T-14 (2')	Total/NA	Solid	Total BTEX	
880-38285-99	T-14 (3')	Total/NA	Solid	Total BTEX	
880-38285-100	T-14 (4')	Total/NA	Solid	Total BTEX	
880-38285-101	T-14 (5')	Total/NA	Solid	Total BTEX	
880-38285-102	T-14 (6')	Total/NA	Solid	Total BTEX	
880-38285-103	T-14 (7')	Total/NA	Solid	Total BTEX	
880-38285-104	T-15 (0-1')	Total/NA	Solid	Total BTEX	
880-38285-105	T-15 (1.5')	Total/NA	Solid	Total BTEX	
880-38285-106	T-15 (2')	Total/NA	Solid	Total BTEX	
880-38285-107	T-15 (3')	Total/NA	Solid	Total BTEX	
880-38285-108	T-15 (4')	Total/NA	Solid	Total BTEX	
880-38285-109	T-15 (5')	Total/NA	Solid	Total BTEX	
880-38285-110	T-15 (6')	Total/NA	Solid	Total BTEX	
880-38285-111	T-16 (0-1')	Total/NA	Solid	Total BTEX	
880-38285-112	T-16 (1.5')	Total/NA	Solid	Total BTEX	
880-38285-113	T-16 (2')	Total/NA	Solid	Total BTEX	
880-38285-114	T-16 (3')	Total/NA	Solid	Total BTEX	
880-38285-115	T-16 (4')	Total/NA	Solid	Total BTEX	
880-38285-116	T-16 (5')	Total/NA	Solid	Total BTEX	

Analysis Batch: 71659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-81	T-12 (0-1')	Total/NA	Solid	8021B	71430
880-38285-82	T-12 (1.5')	Total/NA	Solid	8021B	71430
880-38285-83	T-12 (2')	Total/NA	Solid	8021B	71430
880-38285-84	T-12 (3')	Total/NA	Solid	8021B	71430
880-38285-85	T-12 (4')	Total/NA	Solid	8021B	71430
880-38285-86	T-12 (5')	Total/NA	Solid	8021B	71430
880-38285-87	T-12 (6')	Total/NA	Solid	8021B	71430
880-38285-88	T-13 (0-1')	Total/NA	Solid	8021B	71430
880-38285-89	T-13 (1.5')	Total/NA	Solid	8021B	71430
880-38285-90	T-13 (2')	Total/NA	Solid	8021B	71430
880-38285-91	T-13 (3')	Total/NA	Solid	8021B	71430
880-38285-92	T-13 (4')	Total/NA	Solid	8021B	71430
880-38285-93	T-13 (5')	Total/NA	Solid	8021B	71430
880-38285-94	T-13 (6')	Total/NA	Solid	8021B	71430
880-38285-95	T-13 (7')	Total/NA	Solid	8021B	71430

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 71659 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-96	T-14 (0-1')	Total/NA	Solid	8021B	71430
880-38285-97	T-14 (1.5')	Total/NA	Solid	8021B	71430
880-38285-98	T-14 (2')	Total/NA	Solid	8021B	71430
880-38285-99	T-14 (3')	Total/NA	Solid	8021B	71430
880-38285-100	T-14 (4')	Total/NA	Solid	8021B	71430
MB 880-71430/5-A	Method Blank	Total/NA	Solid	8021B	71430
LCS 880-71430/1-A	Lab Control Sample	Total/NA	Solid	8021B	71430
LCSD 880-71430/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71430
880-38285-81 MS	T-12 (0-1')	Total/NA	Solid	8021B	71430
880-38285-81 MSD	T-12 (0-1')	Total/NA	Solid	8021B	71430

Analysis Batch: 71660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-30	T-5 (3')	Total/NA	Solid	8021B	71671
880-38285-36	T-6 (3')	Total/NA	Solid	8021B	71671
880-38285-37	T-6 (4')	Total/NA	Solid	8021B	71671
880-38285-38	T-6 (5')	Total/NA	Solid	8021B	71671
880-38285-39	T-7 (0-1')	Total/NA	Solid	8021B	71671
880-38285-40	T-7 (1.5')	Total/NA	Solid	8021B	71671
MB 880-71671/5-A	Method Blank	Total/NA	Solid	8021B	71671
LCS 880-71671/1-A	Lab Control Sample	Total/NA	Solid	8021B	71671
LCSD 880-71671/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71671
880-38488-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	71671
880-38488-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	71671

Prep Batch: 71671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-30	T-5 (3')	Total/NA	Solid	5035	
880-38285-36	T-6 (3')	Total/NA	Solid	5035	
880-38285-37	T-6 (4')	Total/NA	Solid	5035	
880-38285-38	T-6 (5')	Total/NA	Solid	5035	
880-38285-39	T-7 (0-1')	Total/NA	Solid	5035	
880-38285-40	T-7 (1.5')	Total/NA	Solid	5035	
MB 880-71671/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71671/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71671/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-38488-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-38488-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 71673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-71	T-10 (6.5')	Total/NA	Solid	5035	
880-38285-72	T-11 (0-1')	Total/NA	Solid	5035	
880-38285-73	T-11 (1.5')	Total/NA	Solid	5035	
880-38285-74	T-11 (2')	Total/NA	Solid	5035	
880-38285-75	T-11 (3')	Total/NA	Solid	5035	
880-38285-76	T-11 (4')	Total/NA	Solid	5035	
880-38285-77	T-11 (5')	Total/NA	Solid	5035	
880-38285-78	T-11 (6')	Total/NA	Solid	5035	
880-38285-79	T-11 (7')	Total/NA	Solid	5035	
880-38285-80	T-11 (7.5')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 71673 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-71673/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71673/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71673/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-38285-71 MS	T-10 (6.5')	Total/NA	Solid	5035	
880-38285-71 MSD	T-10 (6.5')	Total/NA	Solid	5035	

Prep Batch: 71690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-31	T-5 (4')	Total/NA	Solid	5035	
880-38285-32	T-5 (5')	Total/NA	Solid	5035	
880-38285-33	T-6 (0-1')	Total/NA	Solid	5035	
880-38285-34	T-6 (1.5')	Total/NA	Solid	5035	
880-38285-35	T-6 (2')	Total/NA	Solid	5035	
MB 880-71690/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71690/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71690/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-38523-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-38523-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 71750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-71	T-10 (6.5')	Total/NA	Solid	8021B	71673
880-38285-72	T-11 (0-1')	Total/NA	Solid	8021B	71673
880-38285-73	T-11 (1.5')	Total/NA	Solid	8021B	71673
880-38285-74	T-11 (2')	Total/NA	Solid	8021B	71673
880-38285-75	T-11 (3')	Total/NA	Solid	8021B	71673
880-38285-76	T-11 (4')	Total/NA	Solid	8021B	71673
880-38285-77	T-11 (5')	Total/NA	Solid	8021B	71673
880-38285-78	T-11 (6')	Total/NA	Solid	8021B	71673
880-38285-79	T-11 (7')	Total/NA	Solid	8021B	71673
880-38285-80	T-11 (7.5')	Total/NA	Solid	8021B	71673
MB 880-71673/5-A	Method Blank	Total/NA	Solid	8021B	71673
LCS 880-71673/1-A	Lab Control Sample	Total/NA	Solid	8021B	71673
LCSD 880-71673/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71673
880-38285-71 MS	T-10 (6.5')	Total/NA	Solid	8021B	71673
880-38285-71 MSD	T-10 (6.5')	Total/NA	Solid	8021B	71673

Analysis Batch: 71764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-31	T-5 (4')	Total/NA	Solid	8021B	71690
880-38285-32	T-5 (5')	Total/NA	Solid	8021B	71690
880-38285-33	T-6 (0-1')	Total/NA	Solid	8021B	71690
880-38285-34	T-6 (1.5')	Total/NA	Solid	8021B	71690
880-38285-35	T-6 (2')	Total/NA	Solid	8021B	71690
MB 880-71690/5-A	Method Blank	Total/NA	Solid	8021B	71690
LCS 880-71690/1-A	Lab Control Sample	Total/NA	Solid	8021B	71690
LCSD 880-71690/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71690
880-38523-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	71690
880-38523-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	71690

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

GC Semi VOA

Analysis Batch: 71467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-1	T-1 (0-1')	Total/NA	Solid	8015B NM	71488
880-38285-2	T-1 (1.5')	Total/NA	Solid	8015B NM	71488
880-38285-3	T-1 (2')	Total/NA	Solid	8015B NM	71488
880-38285-4	T-1 (3')	Total/NA	Solid	8015B NM	71488
880-38285-5	T-1 (4')	Total/NA	Solid	8015B NM	71488
880-38285-6	T-1 (5')	Total/NA	Solid	8015B NM	71488
880-38285-7	T-2 (0-1')	Total/NA	Solid	8015B NM	71488
880-38285-8	T-2 (1.5')	Total/NA	Solid	8015B NM	71488
880-38285-9	T-2 (2')	Total/NA	Solid	8015B NM	71488
880-38285-10	T-2 (3')	Total/NA	Solid	8015B NM	71488
880-38285-11	T-2 (4')	Total/NA	Solid	8015B NM	71488
880-38285-12	T-2 (5')	Total/NA	Solid	8015B NM	71488
880-38285-13	T-2 (6')	Total/NA	Solid	8015B NM	71488
880-38285-14	T-2 (7')	Total/NA	Solid	8015B NM	71488
880-38285-15	T-3 (0-1')	Total/NA	Solid	8015B NM	71488
880-38285-16	T-3 (1.5')	Total/NA	Solid	8015B NM	71488
880-38285-17	T-3 (2')	Total/NA	Solid	8015B NM	71488
880-38285-18	T-3 (3')	Total/NA	Solid	8015B NM	71488
880-38285-19	T-3 (4')	Total/NA	Solid	8015B NM	71488
880-38285-20	T-3 (5')	Total/NA	Solid	8015B NM	71488
880-38285-21	T-4 (0-1')	Total/NA	Solid	8015B NM	71489
880-38285-22	T-4 (1.5')	Total/NA	Solid	8015B NM	71489
880-38285-23	T-4 (2')	Total/NA	Solid	8015B NM	71489
880-38285-24	T-4 (3')	Total/NA	Solid	8015B NM	71489
880-38285-25	T-4 (4')	Total/NA	Solid	8015B NM	71489
880-38285-26	T-4 (5')	Total/NA	Solid	8015B NM	71489
880-38285-27	T-5 (0-1')	Total/NA	Solid	8015B NM	71489
880-38285-28	T-5 (1.5')	Total/NA	Solid	8015B NM	71489
880-38285-29	T-5 (2')	Total/NA	Solid	8015B NM	71489
880-38285-30	T-5 (3')	Total/NA	Solid	8015B NM	71489
880-38285-31	T-5 (4')	Total/NA	Solid	8015B NM	71489
880-38285-32	T-5 (5')	Total/NA	Solid	8015B NM	71489
880-38285-33	T-6 (0-1')	Total/NA	Solid	8015B NM	71489
880-38285-34	T-6 (1.5')	Total/NA	Solid	8015B NM	71489
880-38285-35	T-6 (2')	Total/NA	Solid	8015B NM	71489
880-38285-36	T-6 (3')	Total/NA	Solid	8015B NM	71489
880-38285-37	T-6 (4')	Total/NA	Solid	8015B NM	71489
880-38285-38	T-6 (5')	Total/NA	Solid	8015B NM	71489
880-38285-39	T-7 (0-1')	Total/NA	Solid	8015B NM	71489
880-38285-40	T-7 (1.5')	Total/NA	Solid	8015B NM	71489
MB 880-71488/1-A - RA2	Method Blank	Total/NA	Solid	8015B NM	71488
MB 880-71489/1-A	Method Blank	Total/NA	Solid	8015B NM	71489
LCS 880-71488/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	71488
LCS 880-71489/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	71489
LCSD 880-71488/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	71488
LCSD 880-71489/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	71489
880-38285-1 MS	T-1 (0-1')	Total/NA	Solid	8015B NM	71488
880-38285-1 MSD	T-1 (0-1')	Total/NA	Solid	8015B NM	71488
880-38285-21 MS	T-4 (0-1')	Total/NA	Solid	8015B NM	71489
880-38285-21 MSD	T-4 (0-1')	Total/NA	Solid	8015B NM	71489

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

GC Semi VOA

Analysis Batch: 71469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-41	T-7 (2')	Total/NA	Solid	8015B NM	71490
880-38285-42	T-7 (3')	Total/NA	Solid	8015B NM	71490
880-38285-43	T-7 (4')	Total/NA	Solid	8015B NM	71490
880-38285-44	T-7 (5')	Total/NA	Solid	8015B NM	71490
880-38285-45	T-8 (0-1')	Total/NA	Solid	8015B NM	71490
880-38285-46	T-8 (1.5')	Total/NA	Solid	8015B NM	71490
880-38285-47	T-8 (2')	Total/NA	Solid	8015B NM	71490
880-38285-48	T-8 (3')	Total/NA	Solid	8015B NM	71490
880-38285-49	T-8 (4')	Total/NA	Solid	8015B NM	71490
880-38285-50	T-8 (5')	Total/NA	Solid	8015B NM	71490
880-38285-51	T-8 (6')	Total/NA	Solid	8015B NM	71490
880-38285-52	T-9 (0-1')	Total/NA	Solid	8015B NM	71490
880-38285-53	T-9 (1.5')	Total/NA	Solid	8015B NM	71490
880-38285-54	T-9 (2')	Total/NA	Solid	8015B NM	71490
880-38285-55	T-9 (3')	Total/NA	Solid	8015B NM	71490
880-38285-56	T-9 (4')	Total/NA	Solid	8015B NM	71490
880-38285-57	T-9 (5')	Total/NA	Solid	8015B NM	71490
880-38285-58	T-9 (6')	Total/NA	Solid	8015B NM	71490
880-38285-59	T-9 (7')	Total/NA	Solid	8015B NM	71490
880-38285-60	T-9 (8')	Total/NA	Solid	8015B NM	71490
MB 880-71490/1-A	Method Blank	Total/NA	Solid	8015B NM	71490
LCS 880-71490/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	71490
LCSD 880-71490/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	71490
880-38285-41 MS	T-7 (2')	Total/NA	Solid	8015B NM	71490
880-38285-41 MSD	T-7 (2')	Total/NA	Solid	8015B NM	71490

Prep Batch: 71488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-38285-2	T-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-38285-3	T-1 (2')	Total/NA	Solid	8015NM Prep	
880-38285-4	T-1 (3')	Total/NA	Solid	8015NM Prep	
880-38285-5	T-1 (4')	Total/NA	Solid	8015NM Prep	
880-38285-6	T-1 (5')	Total/NA	Solid	8015NM Prep	
880-38285-7	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-38285-8	T-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-38285-9	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-38285-10	T-2 (3')	Total/NA	Solid	8015NM Prep	
880-38285-11	T-2 (4')	Total/NA	Solid	8015NM Prep	
880-38285-12	T-2 (5')	Total/NA	Solid	8015NM Prep	
880-38285-13	T-2 (6')	Total/NA	Solid	8015NM Prep	
880-38285-14	T-2 (7')	Total/NA	Solid	8015NM Prep	
880-38285-15	T-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-38285-16	T-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-38285-17	T-3 (2')	Total/NA	Solid	8015NM Prep	
880-38285-18	T-3 (3')	Total/NA	Solid	8015NM Prep	
880-38285-19	T-3 (4')	Total/NA	Solid	8015NM Prep	
880-38285-20	T-3 (5')	Total/NA	Solid	8015NM Prep	
MB 880-71488/1-A - RA2	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-71488/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-71488/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 71488 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-1 MS	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-38285-1 MSD	T-1 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 71489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-21	T-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-38285-22	T-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-38285-23	T-4 (2')	Total/NA	Solid	8015NM Prep	
880-38285-24	T-4 (3')	Total/NA	Solid	8015NM Prep	
880-38285-25	T-4 (4')	Total/NA	Solid	8015NM Prep	
880-38285-26	T-4 (5')	Total/NA	Solid	8015NM Prep	
880-38285-27	T-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-38285-28	T-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-38285-29	T-5 (2')	Total/NA	Solid	8015NM Prep	
880-38285-30	T-5 (3')	Total/NA	Solid	8015NM Prep	
880-38285-31	T-5 (4')	Total/NA	Solid	8015NM Prep	
880-38285-32	T-5 (5')	Total/NA	Solid	8015NM Prep	
880-38285-33	T-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-38285-34	T-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-38285-35	T-6 (2')	Total/NA	Solid	8015NM Prep	
880-38285-36	T-6 (3')	Total/NA	Solid	8015NM Prep	
880-38285-37	T-6 (4')	Total/NA	Solid	8015NM Prep	
880-38285-38	T-6 (5')	Total/NA	Solid	8015NM Prep	
880-38285-39	T-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-38285-40	T-7 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-71489/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-71489/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-71489/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-38285-21 MS	T-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-38285-21 MSD	T-4 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 71490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-41	T-7 (2')	Total/NA	Solid	8015NM Prep	
880-38285-42	T-7 (3')	Total/NA	Solid	8015NM Prep	
880-38285-43	T-7 (4')	Total/NA	Solid	8015NM Prep	
880-38285-44	T-7 (5')	Total/NA	Solid	8015NM Prep	
880-38285-45	T-8 (0-1')	Total/NA	Solid	8015NM Prep	
880-38285-46	T-8 (1.5')	Total/NA	Solid	8015NM Prep	
880-38285-47	T-8 (2')	Total/NA	Solid	8015NM Prep	
880-38285-48	T-8 (3')	Total/NA	Solid	8015NM Prep	
880-38285-49	T-8 (4')	Total/NA	Solid	8015NM Prep	
880-38285-50	T-8 (5')	Total/NA	Solid	8015NM Prep	
880-38285-51	T-8 (6')	Total/NA	Solid	8015NM Prep	
880-38285-52	T-9 (0-1')	Total/NA	Solid	8015NM Prep	
880-38285-53	T-9 (1.5')	Total/NA	Solid	8015NM Prep	
880-38285-54	T-9 (2')	Total/NA	Solid	8015NM Prep	
880-38285-55	T-9 (3')	Total/NA	Solid	8015NM Prep	
880-38285-56	T-9 (4')	Total/NA	Solid	8015NM Prep	
880-38285-57	T-9 (5')	Total/NA	Solid	8015NM Prep	
880-38285-58	T-9 (6')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 71490 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-59	T-9 (7')	Total/NA	Solid	8015NM Prep	
880-38285-60	T-9 (8')	Total/NA	Solid	8015NM Prep	
MB 880-71490/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-71490/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-71490/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-38285-41 MS	T-7 (2')	Total/NA	Solid	8015NM Prep	
880-38285-41 MSD	T-7 (2')	Total/NA	Solid	8015NM Prep	

Prep Batch: 71492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-61	T-9 (9')	Total/NA	Solid	8015NM Prep	
880-38285-62	T-9 (10')	Total/NA	Solid	8015NM Prep	
880-38285-63	T-9 (11')	Total/NA	Solid	8015NM Prep	
880-38285-64	T-10 (0-1')	Total/NA	Solid	8015NM Prep	
880-38285-65	T-10 (1.5')	Total/NA	Solid	8015NM Prep	
880-38285-66	T-10 (2')	Total/NA	Solid	8015NM Prep	
880-38285-67	T-10 (3')	Total/NA	Solid	8015NM Prep	
880-38285-68	T-10 (4')	Total/NA	Solid	8015NM Prep	
880-38285-69	T-10 (5')	Total/NA	Solid	8015NM Prep	
880-38285-70	T-10 (6')	Total/NA	Solid	8015NM Prep	
880-38285-71	T-10 (6.5')	Total/NA	Solid	8015NM Prep	
880-38285-72	T-11 (0-1')	Total/NA	Solid	8015NM Prep	
880-38285-73	T-11 (1.5')	Total/NA	Solid	8015NM Prep	
880-38285-74	T-11 (2')	Total/NA	Solid	8015NM Prep	
880-38285-75	T-11 (3')	Total/NA	Solid	8015NM Prep	
880-38285-76	T-11 (4')	Total/NA	Solid	8015NM Prep	
880-38285-77	T-11 (5')	Total/NA	Solid	8015NM Prep	
880-38285-78	T-11 (6')	Total/NA	Solid	8015NM Prep	
880-38285-79	T-11 (7')	Total/NA	Solid	8015NM Prep	
880-38285-80	T-11 (7.5')	Total/NA	Solid	8015NM Prep	
MB 880-71492/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-71492/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-71492/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-38285-61 MS	T-9 (9')	Total/NA	Solid	8015NM Prep	
880-38285-61 MSD	T-9 (9')	Total/NA	Solid	8015NM Prep	

Prep Batch: 71493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-81	T-12 (0-1')	Total/NA	Solid	8015NM Prep	
880-38285-82	T-12 (1.5')	Total/NA	Solid	8015NM Prep	
880-38285-83	T-12 (2')	Total/NA	Solid	8015NM Prep	
880-38285-84	T-12 (3')	Total/NA	Solid	8015NM Prep	
880-38285-85	T-12 (4')	Total/NA	Solid	8015NM Prep	
880-38285-86	T-12 (5')	Total/NA	Solid	8015NM Prep	
880-38285-87	T-12 (6')	Total/NA	Solid	8015NM Prep	
880-38285-88	T-13 (0-1')	Total/NA	Solid	8015NM Prep	
880-38285-89	T-13 (1.5')	Total/NA	Solid	8015NM Prep	
880-38285-90	T-13 (2')	Total/NA	Solid	8015NM Prep	
880-38285-91	T-13 (3')	Total/NA	Solid	8015NM Prep	
880-38285-92	T-13 (4')	Total/NA	Solid	8015NM Prep	
880-38285-93	T-13 (5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 71493 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-94	T-13 (6')	Total/NA	Solid	8015NM Prep	
880-38285-95	T-13 (7')	Total/NA	Solid	8015NM Prep	
880-38285-96	T-14 (0-1')	Total/NA	Solid	8015NM Prep	
880-38285-97	T-14 (1.5')	Total/NA	Solid	8015NM Prep	
880-38285-98	T-14 (2')	Total/NA	Solid	8015NM Prep	
880-38285-99	T-14 (3')	Total/NA	Solid	8015NM Prep	
880-38285-100	T-14 (4')	Total/NA	Solid	8015NM Prep	
MB 880-71493/1-A - RA2	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-71493/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-71493/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-38285-81 MS	T-12 (0-1')	Total/NA	Solid	8015NM Prep	
880-38285-81 MSD	T-12 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 71494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-101	T-14 (5')	Total/NA	Solid	8015NM Prep	
880-38285-102	T-14 (6')	Total/NA	Solid	8015NM Prep	
880-38285-103	T-14 (7')	Total/NA	Solid	8015NM Prep	
880-38285-104	T-15 (0-1')	Total/NA	Solid	8015NM Prep	
880-38285-105	T-15 (1.5')	Total/NA	Solid	8015NM Prep	
880-38285-106	T-15 (2')	Total/NA	Solid	8015NM Prep	
880-38285-107	T-15 (3')	Total/NA	Solid	8015NM Prep	
880-38285-108	T-15 (4')	Total/NA	Solid	8015NM Prep	
880-38285-109	T-15 (5')	Total/NA	Solid	8015NM Prep	
880-38285-110	T-15 (6')	Total/NA	Solid	8015NM Prep	
880-38285-111	T-16 (0-1')	Total/NA	Solid	8015NM Prep	
880-38285-112	T-16 (1.5')	Total/NA	Solid	8015NM Prep	
880-38285-113	T-16 (2')	Total/NA	Solid	8015NM Prep	
880-38285-114	T-16 (3')	Total/NA	Solid	8015NM Prep	
880-38285-115	T-16 (4')	Total/NA	Solid	8015NM Prep	
880-38285-116	T-16 (5')	Total/NA	Solid	8015NM Prep	
MB 880-71494/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-71494/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-71494/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-38285-101 MS	T-14 (5')	Total/NA	Solid	8015NM Prep	
880-38285-101 MSD	T-14 (5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 71545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-81	T-12 (0-1')	Total/NA	Solid	8015B NM	71493
880-38285-82	T-12 (1.5')	Total/NA	Solid	8015B NM	71493
880-38285-83	T-12 (2')	Total/NA	Solid	8015B NM	71493
880-38285-84	T-12 (3')	Total/NA	Solid	8015B NM	71493
880-38285-85	T-12 (4')	Total/NA	Solid	8015B NM	71493
880-38285-86	T-12 (5')	Total/NA	Solid	8015B NM	71493
880-38285-87	T-12 (6')	Total/NA	Solid	8015B NM	71493
880-38285-88	T-13 (0-1')	Total/NA	Solid	8015B NM	71493
880-38285-89	T-13 (1.5')	Total/NA	Solid	8015B NM	71493
880-38285-90	T-13 (2')	Total/NA	Solid	8015B NM	71493
880-38285-91	T-13 (3')	Total/NA	Solid	8015B NM	71493
880-38285-92	T-13 (4')	Total/NA	Solid	8015B NM	71493

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 71545 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-93	T-13 (5')	Total/NA	Solid	8015B NM	71493
880-38285-94	T-13 (6')	Total/NA	Solid	8015B NM	71493
880-38285-95	T-13 (7')	Total/NA	Solid	8015B NM	71493
880-38285-96	T-14 (0-1')	Total/NA	Solid	8015B NM	71493
880-38285-97	T-14 (1.5')	Total/NA	Solid	8015B NM	71493
880-38285-98	T-14 (2')	Total/NA	Solid	8015B NM	71493
880-38285-99	T-14 (3')	Total/NA	Solid	8015B NM	71493
880-38285-100	T-14 (4')	Total/NA	Solid	8015B NM	71493
880-38285-101	T-14 (5')	Total/NA	Solid	8015B NM	71494
880-38285-102	T-14 (6')	Total/NA	Solid	8015B NM	71494
880-38285-103	T-14 (7')	Total/NA	Solid	8015B NM	71494
880-38285-104	T-15 (0-1')	Total/NA	Solid	8015B NM	71494
880-38285-105	T-15 (1.5')	Total/NA	Solid	8015B NM	71494
880-38285-106	T-15 (2')	Total/NA	Solid	8015B NM	71494
880-38285-107	T-15 (3')	Total/NA	Solid	8015B NM	71494
880-38285-108	T-15 (4')	Total/NA	Solid	8015B NM	71494
880-38285-109	T-15 (5')	Total/NA	Solid	8015B NM	71494
880-38285-110	T-15 (6')	Total/NA	Solid	8015B NM	71494
880-38285-111	T-16 (0-1')	Total/NA	Solid	8015B NM	71494
880-38285-112	T-16 (1.5')	Total/NA	Solid	8015B NM	71494
880-38285-113	T-16 (2')	Total/NA	Solid	8015B NM	71494
880-38285-114	T-16 (3')	Total/NA	Solid	8015B NM	71494
880-38285-115	T-16 (4')	Total/NA	Solid	8015B NM	71494
880-38285-116	T-16 (5')	Total/NA	Solid	8015B NM	71494
MB 880-71493/1-A - RA2	Method Blank	Total/NA	Solid	8015B NM	71493
MB 880-71494/1-A	Method Blank	Total/NA	Solid	8015B NM	71494
LCS 880-71493/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	71493
LCS 880-71494/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	71494
LCSD 880-71493/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	71493
LCSD 880-71494/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	71494
880-38285-81 MS	T-12 (0-1')	Total/NA	Solid	8015B NM	71493
880-38285-81 MSD	T-12 (0-1')	Total/NA	Solid	8015B NM	71493
880-38285-101 MS	T-14 (5')	Total/NA	Solid	8015B NM	71494
880-38285-101 MSD	T-14 (5')	Total/NA	Solid	8015B NM	71494

Analysis Batch: 71548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-61	T-9 (9')	Total/NA	Solid	8015B NM	71492
880-38285-62	T-9 (10')	Total/NA	Solid	8015B NM	71492
880-38285-63	T-9 (11')	Total/NA	Solid	8015B NM	71492
880-38285-64	T-10 (0-1')	Total/NA	Solid	8015B NM	71492
880-38285-65	T-10 (1.5')	Total/NA	Solid	8015B NM	71492
880-38285-66	T-10 (2')	Total/NA	Solid	8015B NM	71492
880-38285-67	T-10 (3')	Total/NA	Solid	8015B NM	71492
880-38285-68	T-10 (4')	Total/NA	Solid	8015B NM	71492
880-38285-69	T-10 (5')	Total/NA	Solid	8015B NM	71492
880-38285-70	T-10 (6')	Total/NA	Solid	8015B NM	71492
880-38285-71	T-10 (6.5')	Total/NA	Solid	8015B NM	71492
880-38285-72	T-11 (0-1')	Total/NA	Solid	8015B NM	71492
880-38285-73	T-11 (1.5')	Total/NA	Solid	8015B NM	71492
880-38285-74	T-11 (2')	Total/NA	Solid	8015B NM	71492

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 71548 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-75	T-11 (3')	Total/NA	Solid	8015B NM	71492
880-38285-76	T-11 (4')	Total/NA	Solid	8015B NM	71492
880-38285-77	T-11 (5')	Total/NA	Solid	8015B NM	71492
880-38285-78	T-11 (6')	Total/NA	Solid	8015B NM	71492
880-38285-79	T-11 (7')	Total/NA	Solid	8015B NM	71492
880-38285-80	T-11 (7.5')	Total/NA	Solid	8015B NM	71492
MB 880-71492/1-A	Method Blank	Total/NA	Solid	8015B NM	71492
LCS 880-71492/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	71492
LCSD 880-71492/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	71492
880-38285-61 MS	T-9 (9')	Total/NA	Solid	8015B NM	71492
880-38285-61 MSD	T-9 (9')	Total/NA	Solid	8015B NM	71492

Analysis Batch: 71579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-1	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-38285-2	T-1 (1.5')	Total/NA	Solid	8015 NM	
880-38285-3	T-1 (2')	Total/NA	Solid	8015 NM	
880-38285-4	T-1 (3')	Total/NA	Solid	8015 NM	
880-38285-5	T-1 (4')	Total/NA	Solid	8015 NM	
880-38285-6	T-1 (5')	Total/NA	Solid	8015 NM	
880-38285-7	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-38285-8	T-2 (1.5')	Total/NA	Solid	8015 NM	
880-38285-9	T-2 (2')	Total/NA	Solid	8015 NM	
880-38285-10	T-2 (3')	Total/NA	Solid	8015 NM	
880-38285-11	T-2 (4')	Total/NA	Solid	8015 NM	
880-38285-12	T-2 (5')	Total/NA	Solid	8015 NM	
880-38285-13	T-2 (6')	Total/NA	Solid	8015 NM	
880-38285-14	T-2 (7')	Total/NA	Solid	8015 NM	
880-38285-15	T-3 (0-1')	Total/NA	Solid	8015 NM	
880-38285-16	T-3 (1.5')	Total/NA	Solid	8015 NM	
880-38285-17	T-3 (2')	Total/NA	Solid	8015 NM	
880-38285-18	T-3 (3')	Total/NA	Solid	8015 NM	
880-38285-19	T-3 (4')	Total/NA	Solid	8015 NM	
880-38285-20	T-3 (5')	Total/NA	Solid	8015 NM	
880-38285-21	T-4 (0-1')	Total/NA	Solid	8015 NM	
880-38285-22	T-4 (1.5')	Total/NA	Solid	8015 NM	
880-38285-23	T-4 (2')	Total/NA	Solid	8015 NM	
880-38285-24	T-4 (3')	Total/NA	Solid	8015 NM	
880-38285-25	T-4 (4')	Total/NA	Solid	8015 NM	
880-38285-26	T-4 (5')	Total/NA	Solid	8015 NM	
880-38285-27	T-5 (0-1')	Total/NA	Solid	8015 NM	
880-38285-28	T-5 (1.5')	Total/NA	Solid	8015 NM	
880-38285-29	T-5 (2')	Total/NA	Solid	8015 NM	
880-38285-30	T-5 (3')	Total/NA	Solid	8015 NM	
880-38285-31	T-5 (4')	Total/NA	Solid	8015 NM	
880-38285-32	T-5 (5')	Total/NA	Solid	8015 NM	
880-38285-33	T-6 (0-1')	Total/NA	Solid	8015 NM	
880-38285-34	T-6 (1.5')	Total/NA	Solid	8015 NM	
880-38285-35	T-6 (2')	Total/NA	Solid	8015 NM	
880-38285-36	T-6 (3')	Total/NA	Solid	8015 NM	
880-38285-37	T-6 (4')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 71579 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-38	T-6 (5')	Total/NA	Solid	8015 NM	
880-38285-39	T-7 (0-1')	Total/NA	Solid	8015 NM	
880-38285-40	T-7 (1.5')	Total/NA	Solid	8015 NM	
880-38285-41	T-7 (2')	Total/NA	Solid	8015 NM	
880-38285-42	T-7 (3')	Total/NA	Solid	8015 NM	
880-38285-43	T-7 (4')	Total/NA	Solid	8015 NM	
880-38285-44	T-7 (5')	Total/NA	Solid	8015 NM	
880-38285-45	T-8 (0-1')	Total/NA	Solid	8015 NM	
880-38285-46	T-8 (1.5')	Total/NA	Solid	8015 NM	
880-38285-47	T-8 (2')	Total/NA	Solid	8015 NM	
880-38285-48	T-8 (3')	Total/NA	Solid	8015 NM	
880-38285-49	T-8 (4')	Total/NA	Solid	8015 NM	
880-38285-50	T-8 (5')	Total/NA	Solid	8015 NM	
880-38285-51	T-8 (6')	Total/NA	Solid	8015 NM	
880-38285-52	T-9 (0-1')	Total/NA	Solid	8015 NM	
880-38285-53	T-9 (1.5')	Total/NA	Solid	8015 NM	
880-38285-54	T-9 (2')	Total/NA	Solid	8015 NM	
880-38285-55	T-9 (3')	Total/NA	Solid	8015 NM	
880-38285-56	T-9 (4')	Total/NA	Solid	8015 NM	
880-38285-57	T-9 (5')	Total/NA	Solid	8015 NM	
880-38285-58	T-9 (6')	Total/NA	Solid	8015 NM	
880-38285-59	T-9 (7')	Total/NA	Solid	8015 NM	
880-38285-60	T-9 (8')	Total/NA	Solid	8015 NM	
880-38285-61	T-9 (9')	Total/NA	Solid	8015 NM	
880-38285-62	T-9 (10')	Total/NA	Solid	8015 NM	
880-38285-63	T-9 (11')	Total/NA	Solid	8015 NM	
880-38285-64	T-10 (0-1')	Total/NA	Solid	8015 NM	
880-38285-65	T-10 (1.5')	Total/NA	Solid	8015 NM	
880-38285-66	T-10 (2')	Total/NA	Solid	8015 NM	
880-38285-67	T-10 (3')	Total/NA	Solid	8015 NM	
880-38285-68	T-10 (4')	Total/NA	Solid	8015 NM	
880-38285-69	T-10 (5')	Total/NA	Solid	8015 NM	
880-38285-70	T-10 (6')	Total/NA	Solid	8015 NM	
880-38285-71	T-10 (6.5')	Total/NA	Solid	8015 NM	
880-38285-72	T-11 (0-1')	Total/NA	Solid	8015 NM	
880-38285-73	T-11 (1.5')	Total/NA	Solid	8015 NM	
880-38285-74	T-11 (2')	Total/NA	Solid	8015 NM	
880-38285-75	T-11 (3')	Total/NA	Solid	8015 NM	
880-38285-76	T-11 (4')	Total/NA	Solid	8015 NM	
880-38285-77	T-11 (5')	Total/NA	Solid	8015 NM	
880-38285-78	T-11 (6')	Total/NA	Solid	8015 NM	
880-38285-79	T-11 (7')	Total/NA	Solid	8015 NM	
880-38285-80	T-11 (7.5')	Total/NA	Solid	8015 NM	
880-38285-81	T-12 (0-1')	Total/NA	Solid	8015 NM	
880-38285-82	T-12 (1.5')	Total/NA	Solid	8015 NM	
880-38285-83	T-12 (2')	Total/NA	Solid	8015 NM	
880-38285-84	T-12 (3')	Total/NA	Solid	8015 NM	
880-38285-85	T-12 (4')	Total/NA	Solid	8015 NM	
880-38285-86	T-12 (5')	Total/NA	Solid	8015 NM	
880-38285-87	T-12 (6')	Total/NA	Solid	8015 NM	
880-38285-88	T-13 (0-1')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 71579 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-89	T-13 (1.5')	Total/NA	Solid	8015 NM	
880-38285-90	T-13 (2')	Total/NA	Solid	8015 NM	
880-38285-91	T-13 (3')	Total/NA	Solid	8015 NM	
880-38285-92	T-13 (4')	Total/NA	Solid	8015 NM	
880-38285-93	T-13 (5')	Total/NA	Solid	8015 NM	
880-38285-94	T-13 (6')	Total/NA	Solid	8015 NM	
880-38285-95	T-13 (7')	Total/NA	Solid	8015 NM	
880-38285-96	T-14 (0-1')	Total/NA	Solid	8015 NM	
880-38285-97	T-14 (1.5')	Total/NA	Solid	8015 NM	
880-38285-98	T-14 (2')	Total/NA	Solid	8015 NM	
880-38285-99	T-14 (3')	Total/NA	Solid	8015 NM	
880-38285-100	T-14 (4')	Total/NA	Solid	8015 NM	
880-38285-101	T-14 (5')	Total/NA	Solid	8015 NM	
880-38285-102	T-14 (6')	Total/NA	Solid	8015 NM	
880-38285-103	T-14 (7')	Total/NA	Solid	8015 NM	
880-38285-104	T-15 (0-1')	Total/NA	Solid	8015 NM	
880-38285-105	T-15 (1.5')	Total/NA	Solid	8015 NM	
880-38285-106	T-15 (2')	Total/NA	Solid	8015 NM	
880-38285-107	T-15 (3')	Total/NA	Solid	8015 NM	
880-38285-108	T-15 (4')	Total/NA	Solid	8015 NM	
880-38285-109	T-15 (5')	Total/NA	Solid	8015 NM	
880-38285-110	T-15 (6')	Total/NA	Solid	8015 NM	
880-38285-111	T-16 (0-1')	Total/NA	Solid	8015 NM	
880-38285-112	T-16 (1.5')	Total/NA	Solid	8015 NM	
880-38285-113	T-16 (2')	Total/NA	Solid	8015 NM	
880-38285-114	T-16 (3')	Total/NA	Solid	8015 NM	
880-38285-115	T-16 (4')	Total/NA	Solid	8015 NM	
880-38285-116	T-16 (5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 71418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-38285-2	T-1 (1.5')	Soluble	Solid	DI Leach	
880-38285-3	T-1 (2')	Soluble	Solid	DI Leach	
880-38285-4	T-1 (3')	Soluble	Solid	DI Leach	
880-38285-5	T-1 (4')	Soluble	Solid	DI Leach	
880-38285-6	T-1 (5')	Soluble	Solid	DI Leach	
880-38285-7	T-2 (0-1')	Soluble	Solid	DI Leach	
880-38285-8	T-2 (1.5')	Soluble	Solid	DI Leach	
880-38285-9	T-2 (2')	Soluble	Solid	DI Leach	
880-38285-10	T-2 (3')	Soluble	Solid	DI Leach	
880-38285-11	T-2 (4')	Soluble	Solid	DI Leach	
880-38285-12	T-2 (5')	Soluble	Solid	DI Leach	
880-38285-13	T-2 (6')	Soluble	Solid	DI Leach	
MB 880-71418/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-71418/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-71418/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-38285-4 MS	T-1 (3')	Soluble	Solid	DI Leach	
880-38285-4 MSD	T-1 (3')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

HPLC/IC

Leach Batch: 71420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-14	T-2 (7')	Soluble	Solid	DI Leach	
880-38285-15	T-3 (0-1')	Soluble	Solid	DI Leach	
880-38285-16	T-3 (1.5')	Soluble	Solid	DI Leach	
880-38285-17	T-3 (2')	Soluble	Solid	DI Leach	
880-38285-18	T-3 (3')	Soluble	Solid	DI Leach	
880-38285-19	T-3 (4')	Soluble	Solid	DI Leach	
880-38285-20	T-3 (5')	Soluble	Solid	DI Leach	
880-38285-21	T-4 (0-1')	Soluble	Solid	DI Leach	
880-38285-22	T-4 (1.5')	Soluble	Solid	DI Leach	
880-38285-23	T-4 (2')	Soluble	Solid	DI Leach	
880-38285-24	T-4 (3')	Soluble	Solid	DI Leach	
880-38285-25	T-4 (4')	Soluble	Solid	DI Leach	
880-38285-26	T-4 (5')	Soluble	Solid	DI Leach	
880-38285-27	T-5 (0-1')	Soluble	Solid	DI Leach	
880-38285-28	T-5 (1.5')	Soluble	Solid	DI Leach	
880-38285-29	T-5 (2')	Soluble	Solid	DI Leach	
880-38285-30	T-5 (3')	Soluble	Solid	DI Leach	
880-38285-31	T-5 (4')	Soluble	Solid	DI Leach	
880-38285-32	T-5 (5')	Soluble	Solid	DI Leach	
880-38285-33	T-6 (0-1')	Soluble	Solid	DI Leach	
MB 880-71420/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-71420/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-71420/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-38285-14 MS	T-2 (7')	Soluble	Solid	DI Leach	
880-38285-14 MSD	T-2 (7')	Soluble	Solid	DI Leach	
880-38285-24 MS	T-4 (3')	Soluble	Solid	DI Leach	
880-38285-24 MSD	T-4 (3')	Soluble	Solid	DI Leach	

Leach Batch: 71423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-34	T-6 (1.5')	Soluble	Solid	DI Leach	
880-38285-35	T-6 (2')	Soluble	Solid	DI Leach	
880-38285-36	T-6 (3')	Soluble	Solid	DI Leach	
880-38285-37	T-6 (4')	Soluble	Solid	DI Leach	
880-38285-38	T-6 (5')	Soluble	Solid	DI Leach	
880-38285-39	T-7 (0-1')	Soluble	Solid	DI Leach	
880-38285-40	T-7 (1.5')	Soluble	Solid	DI Leach	
880-38285-41	T-7 (2')	Soluble	Solid	DI Leach	
880-38285-42	T-7 (3')	Soluble	Solid	DI Leach	
880-38285-43	T-7 (4')	Soluble	Solid	DI Leach	
880-38285-44	T-7 (5')	Soluble	Solid	DI Leach	
880-38285-45	T-8 (0-1')	Soluble	Solid	DI Leach	
880-38285-46	T-8 (1.5')	Soluble	Solid	DI Leach	
880-38285-47	T-8 (2')	Soluble	Solid	DI Leach	
880-38285-48	T-8 (3')	Soluble	Solid	DI Leach	
880-38285-49	T-8 (4')	Soluble	Solid	DI Leach	
880-38285-50	T-8 (5')	Soluble	Solid	DI Leach	
880-38285-51	T-8 (6')	Soluble	Solid	DI Leach	
880-38285-52	T-9 (0-1')	Soluble	Solid	DI Leach	
880-38285-53	T-9 (1.5')	Soluble	Solid	DI Leach	
MB 880-71423/1-A	Method Blank	Soluble	Solid	DI Leach	

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QC Association Summary

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Job ID: 880-38285-1
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HPLC/IC (Continued)

Leach Batch: 71423 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-71423/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-71423/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-38285-34 MS	T-6 (1.5')	Soluble	Solid	DI Leach	
880-38285-34 MSD	T-6 (1.5')	Soluble	Solid	DI Leach	
880-38285-44 MS	T-7 (5')	Soluble	Solid	DI Leach	
880-38285-44 MSD	T-7 (5')	Soluble	Solid	DI Leach	

Leach Batch: 71429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-54	T-9 (2')	Soluble	Solid	DI Leach	
880-38285-55	T-9 (3')	Soluble	Solid	DI Leach	
880-38285-56	T-9 (4')	Soluble	Solid	DI Leach	
880-38285-57	T-9 (5')	Soluble	Solid	DI Leach	
880-38285-58	T-9 (6')	Soluble	Solid	DI Leach	
880-38285-59	T-9 (7')	Soluble	Solid	DI Leach	
880-38285-60	T-9 (8')	Soluble	Solid	DI Leach	
880-38285-61	T-9 (9')	Soluble	Solid	DI Leach	
880-38285-62	T-9 (10')	Soluble	Solid	DI Leach	
880-38285-63	T-9 (11')	Soluble	Solid	DI Leach	
880-38285-64	T-10 (0-1')	Soluble	Solid	DI Leach	
880-38285-65	T-10 (1.5')	Soluble	Solid	DI Leach	
880-38285-66	T-10 (2')	Soluble	Solid	DI Leach	
880-38285-67	T-10 (3')	Soluble	Solid	DI Leach	
880-38285-68	T-10 (4')	Soluble	Solid	DI Leach	
880-38285-69	T-10 (5')	Soluble	Solid	DI Leach	
880-38285-70	T-10 (6')	Soluble	Solid	DI Leach	
880-38285-71	T-10 (6.5')	Soluble	Solid	DI Leach	
880-38285-72	T-11 (0-1')	Soluble	Solid	DI Leach	
880-38285-73	T-11 (1.5')	Soluble	Solid	DI Leach	
MB 880-71429/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-71429/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-71429/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-38285-54 MS	T-9 (2')	Soluble	Solid	DI Leach	
880-38285-54 MSD	T-9 (2')	Soluble	Solid	DI Leach	
880-38285-64 MS	T-10 (0-1')	Soluble	Solid	DI Leach	
880-38285-64 MSD	T-10 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 71431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-74	T-11 (2')	Soluble	Solid	DI Leach	
880-38285-75	T-11 (3')	Soluble	Solid	DI Leach	
880-38285-76	T-11 (4')	Soluble	Solid	DI Leach	
880-38285-77	T-11 (5')	Soluble	Solid	DI Leach	
880-38285-78	T-11 (6')	Soluble	Solid	DI Leach	
880-38285-79	T-11 (7')	Soluble	Solid	DI Leach	
880-38285-80	T-11 (7.5')	Soluble	Solid	DI Leach	
880-38285-81	T-12 (0-1')	Soluble	Solid	DI Leach	
880-38285-82	T-12 (1.5')	Soluble	Solid	DI Leach	
880-38285-83	T-12 (2')	Soluble	Solid	DI Leach	
880-38285-84	T-12 (3')	Soluble	Solid	DI Leach	
880-38285-85	T-12 (4')	Soluble	Solid	DI Leach	

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Job ID: 880-38285-1
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HPLC/IC (Continued)

Leach Batch: 71431 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-86	T-12 (5')	Soluble	Solid	DI Leach	
880-38285-87	T-12 (6')	Soluble	Solid	DI Leach	
880-38285-88	T-13 (0-1')	Soluble	Solid	DI Leach	
880-38285-89	T-13 (1.5')	Soluble	Solid	DI Leach	
880-38285-90	T-13 (2')	Soluble	Solid	DI Leach	
880-38285-91	T-13 (3')	Soluble	Solid	DI Leach	
880-38285-92	T-13 (4')	Soluble	Solid	DI Leach	
880-38285-93	T-13 (5')	Soluble	Solid	DI Leach	
MB 880-71431/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-71431/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-71431/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-38285-74 MS	T-11 (2')	Soluble	Solid	DI Leach	
880-38285-74 MSD	T-11 (2')	Soluble	Solid	DI Leach	
880-38285-84 MS	T-12 (3')	Soluble	Solid	DI Leach	
880-38285-84 MSD	T-12 (3')	Soluble	Solid	DI Leach	

Leach Batch: 71432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-94	T-13 (6')	Soluble	Solid	DI Leach	
880-38285-95	T-13 (7')	Soluble	Solid	DI Leach	
880-38285-96	T-14 (0-1')	Soluble	Solid	DI Leach	
880-38285-97	T-14 (1.5')	Soluble	Solid	DI Leach	
880-38285-98	T-14 (2')	Soluble	Solid	DI Leach	
880-38285-99	T-14 (3')	Soluble	Solid	DI Leach	
880-38285-100	T-14 (4')	Soluble	Solid	DI Leach	
880-38285-101	T-14 (5')	Soluble	Solid	DI Leach	
880-38285-102	T-14 (6')	Soluble	Solid	DI Leach	
880-38285-103	T-14 (7')	Soluble	Solid	DI Leach	
880-38285-104	T-15 (0-1')	Soluble	Solid	DI Leach	
880-38285-105	T-15 (1.5')	Soluble	Solid	DI Leach	
880-38285-106	T-15 (2')	Soluble	Solid	DI Leach	
880-38285-107	T-15 (3')	Soluble	Solid	DI Leach	
880-38285-108	T-15 (4')	Soluble	Solid	DI Leach	
880-38285-109	T-15 (5')	Soluble	Solid	DI Leach	
880-38285-110	T-15 (6')	Soluble	Solid	DI Leach	
880-38285-111	T-16 (0-1')	Soluble	Solid	DI Leach	
880-38285-112	T-16 (1.5')	Soluble	Solid	DI Leach	
880-38285-113	T-16 (2')	Soluble	Solid	DI Leach	
MB 880-71432/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-71432/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-71432/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-38285-94 MS	T-13 (6')	Soluble	Solid	DI Leach	
880-38285-94 MSD	T-13 (6')	Soluble	Solid	DI Leach	
880-38285-104 MS	T-15 (0-1')	Soluble	Solid	DI Leach	
880-38285-104 MSD	T-15 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 71470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-114	T-16 (3')	Soluble	Solid	DI Leach	
880-38285-115	T-16 (4')	Soluble	Solid	DI Leach	
880-38285-116	T-16 (5')	Soluble	Solid	DI Leach	

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HPLC/IC (Continued)

Leach Batch: 71470 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-71470/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-71470/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-71470/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-38400-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-38400-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 71515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-114	T-16 (3')	Soluble	Solid	300.0	71470
880-38285-115	T-16 (4')	Soluble	Solid	300.0	71470
880-38285-116	T-16 (5')	Soluble	Solid	300.0	71470
MB 880-71470/1-A	Method Blank	Soluble	Solid	300.0	71470
LCS 880-71470/2-A	Lab Control Sample	Soluble	Solid	300.0	71470
LCSD 880-71470/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	71470
880-38400-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	71470
880-38400-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	71470

Analysis Batch: 71598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-1	T-1 (0-1')	Soluble	Solid	300.0	71418
880-38285-2	T-1 (1.5')	Soluble	Solid	300.0	71418
880-38285-3	T-1 (2')	Soluble	Solid	300.0	71418
880-38285-4	T-1 (3')	Soluble	Solid	300.0	71418
880-38285-5	T-1 (4')	Soluble	Solid	300.0	71418
880-38285-6	T-1 (5')	Soluble	Solid	300.0	71418
880-38285-7	T-2 (0-1')	Soluble	Solid	300.0	71418
880-38285-8	T-2 (1.5')	Soluble	Solid	300.0	71418
880-38285-9	T-2 (2')	Soluble	Solid	300.0	71418
880-38285-10	T-2 (3')	Soluble	Solid	300.0	71418
880-38285-11	T-2 (4')	Soluble	Solid	300.0	71418
880-38285-12	T-2 (5')	Soluble	Solid	300.0	71418
880-38285-13	T-2 (6')	Soluble	Solid	300.0	71418
MB 880-71418/1-A	Method Blank	Soluble	Solid	300.0	71418
LCS 880-71418/2-A	Lab Control Sample	Soluble	Solid	300.0	71418
LCSD 880-71418/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	71418
880-38285-4 MS	T-1 (3')	Soluble	Solid	300.0	71418
880-38285-4 MSD	T-1 (3')	Soluble	Solid	300.0	71418

Analysis Batch: 71604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-14	T-2 (7')	Soluble	Solid	300.0	71420
880-38285-15	T-3 (0-1')	Soluble	Solid	300.0	71420
880-38285-16	T-3 (1.5')	Soluble	Solid	300.0	71420
880-38285-17	T-3 (2')	Soluble	Solid	300.0	71420
880-38285-18	T-3 (3')	Soluble	Solid	300.0	71420
880-38285-19	T-3 (4')	Soluble	Solid	300.0	71420
880-38285-20	T-3 (5')	Soluble	Solid	300.0	71420
880-38285-21	T-4 (0-1')	Soluble	Solid	300.0	71420
880-38285-22	T-4 (1.5')	Soluble	Solid	300.0	71420
880-38285-23	T-4 (2')	Soluble	Solid	300.0	71420
880-38285-24	T-4 (3')	Soluble	Solid	300.0	71420

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HPLC/IC (Continued)

Analysis Batch: 71604 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-25	T-4 (4')	Soluble	Solid	300.0	71420
880-38285-26	T-4 (5')	Soluble	Solid	300.0	71420
880-38285-27	T-5 (0-1')	Soluble	Solid	300.0	71420
880-38285-28	T-5 (1.5')	Soluble	Solid	300.0	71420
880-38285-29	T-5 (2')	Soluble	Solid	300.0	71420
880-38285-30	T-5 (3')	Soluble	Solid	300.0	71420
880-38285-31	T-5 (4')	Soluble	Solid	300.0	71420
880-38285-32	T-5 (5')	Soluble	Solid	300.0	71420
880-38285-33	T-6 (0-1')	Soluble	Solid	300.0	71420
MB 880-71420/1-A	Method Blank	Soluble	Solid	300.0	71420
LCS 880-71420/2-A	Lab Control Sample	Soluble	Solid	300.0	71420
LCSD 880-71420/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	71420
880-38285-14 MS	T-2 (7')	Soluble	Solid	300.0	71420
880-38285-14 MSD	T-2 (7')	Soluble	Solid	300.0	71420
880-38285-24 MS	T-4 (3')	Soluble	Solid	300.0	71420
880-38285-24 MSD	T-4 (3')	Soluble	Solid	300.0	71420

Analysis Batch: 71605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-34	T-6 (1.5')	Soluble	Solid	300.0	71423
880-38285-35	T-6 (2')	Soluble	Solid	300.0	71423
880-38285-36	T-6 (3')	Soluble	Solid	300.0	71423
880-38285-37	T-6 (4')	Soluble	Solid	300.0	71423
880-38285-38	T-6 (5')	Soluble	Solid	300.0	71423
880-38285-39	T-7 (0-1')	Soluble	Solid	300.0	71423
880-38285-40	T-7 (1.5')	Soluble	Solid	300.0	71423
880-38285-41	T-7 (2')	Soluble	Solid	300.0	71423
880-38285-42	T-7 (3')	Soluble	Solid	300.0	71423
880-38285-43	T-7 (4')	Soluble	Solid	300.0	71423
880-38285-44	T-7 (5')	Soluble	Solid	300.0	71423
880-38285-45	T-8 (0-1')	Soluble	Solid	300.0	71423
880-38285-46	T-8 (1.5')	Soluble	Solid	300.0	71423
880-38285-47	T-8 (2')	Soluble	Solid	300.0	71423
880-38285-48	T-8 (3')	Soluble	Solid	300.0	71423
880-38285-49	T-8 (4')	Soluble	Solid	300.0	71423
880-38285-50	T-8 (5')	Soluble	Solid	300.0	71423
880-38285-51	T-8 (6')	Soluble	Solid	300.0	71423
880-38285-52	T-9 (0-1')	Soluble	Solid	300.0	71423
880-38285-53	T-9 (1.5')	Soluble	Solid	300.0	71423
MB 880-71423/1-A	Method Blank	Soluble	Solid	300.0	71423
LCS 880-71423/2-A	Lab Control Sample	Soluble	Solid	300.0	71423
LCSD 880-71423/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	71423
880-38285-34 MS	T-6 (1.5')	Soluble	Solid	300.0	71423
880-38285-34 MSD	T-6 (1.5')	Soluble	Solid	300.0	71423
880-38285-44 MS	T-7 (5')	Soluble	Solid	300.0	71423
880-38285-44 MSD	T-7 (5')	Soluble	Solid	300.0	71423

Analysis Batch: 71613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-54	T-9 (2')	Soluble	Solid	300.0	71429
880-38285-55	T-9 (3')	Soluble	Solid	300.0	71429

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HPLC/IC (Continued)

Analysis Batch: 71613 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-56	T-9 (4')	Soluble	Solid	300.0	71429
880-38285-57	T-9 (5')	Soluble	Solid	300.0	71429
880-38285-58	T-9 (6')	Soluble	Solid	300.0	71429
880-38285-59	T-9 (7')	Soluble	Solid	300.0	71429
880-38285-60	T-9 (8')	Soluble	Solid	300.0	71429
880-38285-61	T-9 (9')	Soluble	Solid	300.0	71429
880-38285-62	T-9 (10')	Soluble	Solid	300.0	71429
880-38285-63	T-9 (11')	Soluble	Solid	300.0	71429
880-38285-64	T-10 (0-1')	Soluble	Solid	300.0	71429
880-38285-65	T-10 (1.5')	Soluble	Solid	300.0	71429
880-38285-66	T-10 (2')	Soluble	Solid	300.0	71429
880-38285-67	T-10 (3')	Soluble	Solid	300.0	71429
880-38285-68	T-10 (4')	Soluble	Solid	300.0	71429
880-38285-69	T-10 (5')	Soluble	Solid	300.0	71429
880-38285-70	T-10 (6')	Soluble	Solid	300.0	71429
880-38285-71	T-10 (6.5')	Soluble	Solid	300.0	71429
880-38285-72	T-11 (0-1')	Soluble	Solid	300.0	71429
880-38285-73	T-11 (1.5')	Soluble	Solid	300.0	71429
MB 880-71429/1-A	Method Blank	Soluble	Solid	300.0	71429
LCS 880-71429/2-A	Lab Control Sample	Soluble	Solid	300.0	71429
LCSD 880-71429/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	71429
880-38285-54 MS	T-9 (2')	Soluble	Solid	300.0	71429
880-38285-54 MSD	T-9 (2')	Soluble	Solid	300.0	71429
880-38285-64 MS	T-10 (0-1')	Soluble	Solid	300.0	71429
880-38285-64 MSD	T-10 (0-1')	Soluble	Solid	300.0	71429

Analysis Batch: 71614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-74	T-11 (2')	Soluble	Solid	300.0	71431
880-38285-75	T-11 (3')	Soluble	Solid	300.0	71431
880-38285-76	T-11 (4')	Soluble	Solid	300.0	71431
880-38285-77	T-11 (5')	Soluble	Solid	300.0	71431
880-38285-78	T-11 (6')	Soluble	Solid	300.0	71431
880-38285-79	T-11 (7')	Soluble	Solid	300.0	71431
880-38285-80	T-11 (7.5')	Soluble	Solid	300.0	71431
880-38285-81	T-12 (0-1')	Soluble	Solid	300.0	71431
880-38285-82	T-12 (1.5')	Soluble	Solid	300.0	71431
880-38285-83	T-12 (2')	Soluble	Solid	300.0	71431
880-38285-84	T-12 (3')	Soluble	Solid	300.0	71431
880-38285-85	T-12 (4')	Soluble	Solid	300.0	71431
880-38285-86	T-12 (5')	Soluble	Solid	300.0	71431
880-38285-87	T-12 (6')	Soluble	Solid	300.0	71431
880-38285-88	T-13 (0-1')	Soluble	Solid	300.0	71431
880-38285-89	T-13 (1.5')	Soluble	Solid	300.0	71431
880-38285-90	T-13 (2')	Soluble	Solid	300.0	71431
880-38285-91	T-13 (3')	Soluble	Solid	300.0	71431
880-38285-92	T-13 (4')	Soluble	Solid	300.0	71431
880-38285-93	T-13 (5')	Soluble	Solid	300.0	71431
MB 880-71431/1-A	Method Blank	Soluble	Solid	300.0	71431
LCS 880-71431/2-A	Lab Control Sample	Soluble	Solid	300.0	71431
LCSD 880-71431/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	71431

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HPLC/IC (Continued)

Analysis Batch: 71614 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-74 MS	T-11 (2')	Soluble	Solid	300.0	71431
880-38285-74 MSD	T-11 (2')	Soluble	Solid	300.0	71431
880-38285-84 MS	T-12 (3')	Soluble	Solid	300.0	71431
880-38285-84 MSD	T-12 (3')	Soluble	Solid	300.0	71431

Analysis Batch: 71615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38285-94	T-13 (6')	Soluble	Solid	300.0	71432
880-38285-95	T-13 (7')	Soluble	Solid	300.0	71432
880-38285-96	T-14 (0-1')	Soluble	Solid	300.0	71432
880-38285-97	T-14 (1.5')	Soluble	Solid	300.0	71432
880-38285-98	T-14 (2')	Soluble	Solid	300.0	71432
880-38285-99	T-14 (3')	Soluble	Solid	300.0	71432
880-38285-100	T-14 (4')	Soluble	Solid	300.0	71432
880-38285-101	T-14 (5')	Soluble	Solid	300.0	71432
880-38285-102	T-14 (6')	Soluble	Solid	300.0	71432
880-38285-103	T-14 (7')	Soluble	Solid	300.0	71432
880-38285-104	T-15 (0-1')	Soluble	Solid	300.0	71432
880-38285-105	T-15 (1.5')	Soluble	Solid	300.0	71432
880-38285-106	T-15 (2')	Soluble	Solid	300.0	71432
880-38285-107	T-15 (3')	Soluble	Solid	300.0	71432
880-38285-108	T-15 (4')	Soluble	Solid	300.0	71432
880-38285-109	T-15 (5')	Soluble	Solid	300.0	71432
880-38285-110	T-15 (6')	Soluble	Solid	300.0	71432
880-38285-111	T-16 (0-1')	Soluble	Solid	300.0	71432
880-38285-112	T-16 (1.5')	Soluble	Solid	300.0	71432
880-38285-113	T-16 (2')	Soluble	Solid	300.0	71432
MB 880-71432/1-A	Method Blank	Soluble	Solid	300.0	71432
LCS 880-71432/2-A	Lab Control Sample	Soluble	Solid	300.0	71432
LCSD 880-71432/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	71432
880-38285-94 MS	T-13 (6')	Soluble	Solid	300.0	71432
880-38285-94 MSD	T-13 (6')	Soluble	Solid	300.0	71432
880-38285-104 MS	T-15 (0-1')	Soluble	Solid	300.0	71432
880-38285-104 MSD	T-15 (0-1')	Soluble	Solid	300.0	71432

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (0-1')

Lab Sample ID: 880-38285-1

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71414	01/23/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71471	01/25/24 00:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 00:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 10:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	71488	01/24/24 08:40	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 10:15	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	71418	01/23/24 10:28	SMC	EET MID
Soluble	Analysis	300.0		10			71598	01/25/24 23:53	CH	EET MID

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-38285-2

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71414	01/23/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71471	01/25/24 01:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 01:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 11:21	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71488	01/24/24 08:40	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 11:21	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	71418	01/23/24 10:28	SMC	EET MID
Soluble	Analysis	300.0		10			71598	01/25/24 23:59	CH	EET MID

Client Sample ID: T-1 (2')

Lab Sample ID: 880-38285-3

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71414	01/23/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71471	01/25/24 01:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 01:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 11:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	71488	01/24/24 08:40	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 11:43	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	71418	01/23/24 10:28	SMC	EET MID
Soluble	Analysis	300.0		5			71598	01/26/24 00:04	CH	EET MID

Client Sample ID: T-1 (3')

Lab Sample ID: 880-38285-4

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71414	01/23/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71471	01/25/24 02:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 02:00	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (3')

Lab Sample ID: 880-38285-4

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			71579	01/24/24 12:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	71488	01/24/24 08:40	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 12:06	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	71418	01/23/24 10:28	SMC	EET MID
Soluble	Analysis	300.0		10			71598	01/26/24 00:10	CH	EET MID

Client Sample ID: T-1 (4')

Lab Sample ID: 880-38285-5

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71414	01/23/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71471	01/25/24 02:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 02:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 12:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	71488	01/24/24 08:40	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 12:30	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	71418	01/23/24 10:28	SMC	EET MID
Soluble	Analysis	300.0		5			71598	01/26/24 00:27	CH	EET MID

Client Sample ID: T-1 (5')

Lab Sample ID: 880-38285-6

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71414	01/23/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71471	01/25/24 02:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 02:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 12:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	71488	01/24/24 08:40	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 12:53	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	71418	01/23/24 10:28	SMC	EET MID
Soluble	Analysis	300.0		1			71598	01/26/24 00:33	CH	EET MID

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-38285-7

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71414	01/23/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71471	01/25/24 03:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 03:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 13:16	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	71488	01/24/24 08:40	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 13:16	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-38285-7

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	71418	01/23/24 10:28	SMC	EET MID
Soluble	Analysis	300.0		10			71598	01/26/24 00:49	CH	EET MID

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-38285-8

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71414	01/23/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71471	01/25/24 03:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 03:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 13:38	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	71488	01/24/24 08:40	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 13:38	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	71418	01/23/24 10:28	SMC	EET MID
Soluble	Analysis	300.0		10			71598	01/26/24 00:55	CH	EET MID

Client Sample ID: T-2 (2')

Lab Sample ID: 880-38285-9

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71414	01/23/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71471	01/25/24 03:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 03:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 14:04	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71488	01/24/24 08:40	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 14:04	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	71418	01/23/24 10:28	SMC	EET MID
Soluble	Analysis	300.0		10			71598	01/26/24 01:01	CH	EET MID

Client Sample ID: T-2 (3')

Lab Sample ID: 880-38285-10

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71414	01/23/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71471	01/25/24 04:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 04:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 14:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	71488	01/24/24 08:40	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 14:26	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	71418	01/23/24 10:28	SMC	EET MID
Soluble	Analysis	300.0		10			71598	01/26/24 01:07	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (4')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	71414	01/23/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71471	01/25/24 05:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 05:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 15:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	71488	01/24/24 08:40	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 15:10	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	71418	01/23/24 10:28	SMC	EET MID
Soluble	Analysis	300.0		10			71598	01/26/24 01:12	CH	EET MID

Client Sample ID: T-2 (5')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	71414	01/23/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71471	01/25/24 06:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 06:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 15:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	71488	01/24/24 08:40	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 15:34	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	71418	01/23/24 10:28	SMC	EET MID
Soluble	Analysis	300.0		10			71598	01/26/24 01:18	CH	EET MID

Client Sample ID: T-2 (6')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	71414	01/23/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71471	01/25/24 06:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 06:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 15:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	71488	01/24/24 08:40	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 15:58	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	71418	01/23/24 10:28	SMC	EET MID
Soluble	Analysis	300.0		10			71598	01/26/24 01:23	CH	EET MID

Client Sample ID: T-2 (7')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	71414	01/23/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71471	01/25/24 06:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 06:54	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (7')

Lab Sample ID: 880-38285-14

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			71579	01/24/24 16:21	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	71488	01/24/24 08:40	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 16:21	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	71420	01/23/24 10:30	SMC	EET MID
Soluble	Analysis	300.0		1			71604	01/26/24 02:09	CH	EET MID

Client Sample ID: T-3 (0-1')

Lab Sample ID: 880-38285-15

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71414	01/23/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71471	01/25/24 07:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 07:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 16:48	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71488	01/24/24 08:40	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 16:48	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	71420	01/23/24 10:30	SMC	EET MID
Soluble	Analysis	300.0		5			71604	01/26/24 02:26	CH	EET MID

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-38285-16

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71414	01/23/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71471	01/25/24 07:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 07:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 17:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	71488	01/24/24 08:40	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 17:10	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	71420	01/23/24 10:30	SMC	EET MID
Soluble	Analysis	300.0		5			71604	01/26/24 02:31	CH	EET MID

Client Sample ID: T-3 (2')

Lab Sample ID: 880-38285-17

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71414	01/23/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71471	01/25/24 07:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 07:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 17:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	71488	01/24/24 08:40	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 17:32	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (2')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	71420	01/23/24 10:30	SMC	EET MID
Soluble	Analysis	300.0		1			71604	01/26/24 02:37	CH	EET MID

Client Sample ID: T-3 (3')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	71414	01/23/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71471	01/25/24 08:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 08:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 17:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	71488	01/24/24 08:40	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 17:56	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	71420	01/23/24 10:30	SMC	EET MID
Soluble	Analysis	300.0		1			71604	01/26/24 02:42	CH	EET MID

Client Sample ID: T-3 (4')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	71414	01/23/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71471	01/25/24 08:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 08:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 18:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	71488	01/24/24 08:40	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 18:21	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	71420	01/23/24 10:30	SMC	EET MID
Soluble	Analysis	300.0		1			71604	01/26/24 02:59	CH	EET MID

Client Sample ID: T-3 (5')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	71414	01/23/24 10:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71471	01/25/24 08:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 08:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 18:43	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	71488	01/24/24 08:40	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 18:43	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	71420	01/23/24 10:30	SMC	EET MID
Soluble	Analysis	300.0		1			71604	01/26/24 03:05	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (0-1')

Lab Sample ID: 880-38285-21

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71415	01/23/24 10:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71433	01/24/24 19:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/24/24 19:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 20:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	71489	01/24/24 08:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 20:40	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	71420	01/23/24 10:30	SMC	EET MID
Soluble	Analysis	300.0		20			71604	01/26/24 03:11	CH	EET MID

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-38285-22

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71415	01/23/24 10:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71433	01/24/24 20:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/24/24 20:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 21:49	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	71489	01/24/24 08:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 21:49	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	71420	01/23/24 10:30	SMC	EET MID
Soluble	Analysis	300.0		5			71604	01/26/24 03:16	CH	EET MID

Client Sample ID: T-4 (2')

Lab Sample ID: 880-38285-23

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71415	01/23/24 10:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71433	01/24/24 20:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/24/24 20:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 22:12	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71489	01/24/24 08:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 22:12	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	71420	01/23/24 10:30	SMC	EET MID
Soluble	Analysis	300.0		10			71604	01/26/24 03:22	CH	EET MID

Client Sample ID: T-4 (3')

Lab Sample ID: 880-38285-24

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71415	01/23/24 10:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71433	01/24/24 21:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/24/24 21:08	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (3')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			71579	01/24/24 22:36	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71489	01/24/24 08:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 22:36	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	71420	01/23/24 10:30	SMC	EET MID
Soluble	Analysis	300.0		10			71604	01/26/24 03:28	CH	EET MID

Client Sample ID: T-4 (4')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	71415	01/23/24 10:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71433	01/24/24 21:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/24/24 21:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 23:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	71489	01/24/24 08:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 23:00	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	71420	01/23/24 10:30	SMC	EET MID
Soluble	Analysis	300.0		1			71604	01/26/24 03:44	CH	EET MID

Client Sample ID: T-4 (5')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-26

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	71415	01/23/24 10:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71433	01/24/24 22:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/24/24 22:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 23:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	71489	01/24/24 08:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 23:23	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	71420	01/23/24 10:30	SMC	EET MID
Soluble	Analysis	300.0		1			71604	01/26/24 03:50	CH	EET MID

Client Sample ID: T-5 (0-1')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	71415	01/23/24 10:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71433	01/24/24 22:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/24/24 22:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 23:44	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	71489	01/24/24 08:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/24/24 23:44	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (0-1')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	71420	01/23/24 10:30	SMC	EET MID
Soluble	Analysis	300.0		5			71604	01/26/24 04:07	CH	EET MID

Client Sample ID: T-5 (1.5')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	71415	01/23/24 10:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71433	01/24/24 22:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/24/24 22:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 00:06	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71489	01/24/24 08:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/25/24 00:06	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	71420	01/23/24 10:30	SMC	EET MID
Soluble	Analysis	300.0		1			71604	01/26/24 04:13	CH	EET MID

Client Sample ID: T-5 (2')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	71415	01/23/24 10:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71433	01/24/24 23:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/24/24 23:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 00:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	71489	01/24/24 08:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/25/24 00:27	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	71420	01/23/24 10:30	SMC	EET MID
Soluble	Analysis	300.0		1			71604	01/26/24 04:18	CH	EET MID

Client Sample ID: T-5 (3')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	71671	01/26/24 08:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/26/24 18:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 18:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 00:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	71489	01/24/24 08:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/25/24 00:48	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	71420	01/23/24 10:30	SMC	EET MID
Soluble	Analysis	300.0		1			71604	01/26/24 04:24	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (4')

Lab Sample ID: 880-38285-31

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71690	01/26/24 11:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71764	01/29/24 01:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/29/24 01:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 01:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	71489	01/24/24 08:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/25/24 01:29	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	71420	01/23/24 10:30	SMC	EET MID
Soluble	Analysis	300.0		1			71604	01/26/24 04:30	CH	EET MID

Client Sample ID: T-5 (5')

Lab Sample ID: 880-38285-32

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71690	01/26/24 11:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71764	01/29/24 01:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/29/24 01:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 01:50	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	71489	01/24/24 08:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/25/24 01:50	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	71420	01/23/24 10:30	SMC	EET MID
Soluble	Analysis	300.0		1			71604	01/26/24 04:35	CH	EET MID

Client Sample ID: T-6 (0-1')

Lab Sample ID: 880-38285-33

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71690	01/26/24 11:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71764	01/29/24 01:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/29/24 01:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 02:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	71489	01/24/24 08:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/25/24 02:10	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	71420	01/23/24 10:30	SMC	EET MID
Soluble	Analysis	300.0		10			71604	01/26/24 04:41	CH	EET MID

Client Sample ID: T-6 (1.5')

Lab Sample ID: 880-38285-34

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71690	01/26/24 11:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71764	01/29/24 02:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/29/24 02:06	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (1.5')

Lab Sample ID: 880-38285-34

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			71579	01/25/24 02:32	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71489	01/24/24 08:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/25/24 02:32	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	71423	01/23/24 10:33	SMC	EET MID
Soluble	Analysis	300.0		5			71605	01/26/24 05:26	CH	EET MID

Client Sample ID: T-6 (2')

Lab Sample ID: 880-38285-35

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71690	01/26/24 11:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71764	01/29/24 02:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/29/24 02:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 02:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	71489	01/24/24 08:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/25/24 02:54	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	71423	01/23/24 10:33	SMC	EET MID
Soluble	Analysis	300.0		1			71605	01/26/24 05:43	CH	EET MID

Client Sample ID: T-6 (3')

Lab Sample ID: 880-38285-36

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71671	01/26/24 08:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/26/24 19:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 19:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 03:15	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	71489	01/24/24 08:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/25/24 03:15	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	71423	01/23/24 10:33	SMC	EET MID
Soluble	Analysis	300.0		1			71605	01/26/24 05:49	CH	EET MID

Client Sample ID: T-6 (4')

Lab Sample ID: 880-38285-37

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71671	01/26/24 08:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/26/24 19:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 19:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 03:36	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	71489	01/24/24 08:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/25/24 03:36	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (4')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	71423	01/23/24 10:33	SMC	EET MID
Soluble	Analysis	300.0		1			71605	01/26/24 05:54	CH	EET MID

Client Sample ID: T-6 (5')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-38

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	71671	01/26/24 08:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/26/24 19:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 19:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 03:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	71489	01/24/24 08:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/25/24 03:57	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	71423	01/23/24 10:33	SMC	EET MID
Soluble	Analysis	300.0		1			71605	01/26/24 06:00	CH	EET MID

Client Sample ID: T-7 (0-1')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-39

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	71671	01/26/24 08:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/26/24 20:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 20:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 04:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	71489	01/24/24 08:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/25/24 04:18	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	71423	01/23/24 10:33	SMC	EET MID
Soluble	Analysis	300.0		10			71605	01/26/24 06:17	CH	EET MID

Client Sample ID: T-7 (1.5')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-40

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	71671	01/26/24 08:59	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/26/24 20:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 20:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 04:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	71489	01/24/24 08:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71467	01/25/24 04:39	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	71423	01/23/24 10:33	SMC	EET MID
Soluble	Analysis	300.0		1			71605	01/26/24 06:23	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (2')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-41

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	71416	01/23/24 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71625	01/25/24 21:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 21:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 20:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	71490	01/24/24 08:49	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71469	01/24/24 20:40	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	71423	01/23/24 10:33	SMC	EET MID
Soluble	Analysis	300.0		1			71605	01/26/24 06:28	CH	EET MID

Client Sample ID: T-7 (3')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-42

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	71416	01/23/24 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71625	01/25/24 21:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 21:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 21:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	71490	01/24/24 08:49	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71469	01/24/24 21:49	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	71423	01/23/24 10:33	SMC	EET MID
Soluble	Analysis	300.0		1			71605	01/26/24 06:34	CH	EET MID

Client Sample ID: T-7 (4')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-43

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	71416	01/23/24 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71625	01/25/24 22:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 22:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 22:12	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	71490	01/24/24 08:49	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71469	01/24/24 22:12	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	71423	01/23/24 10:33	SMC	EET MID
Soluble	Analysis	300.0		1			71605	01/26/24 06:39	CH	EET MID

Client Sample ID: T-7 (5')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-44

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	71416	01/23/24 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71625	01/25/24 22:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 22:32	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (5')

Lab Sample ID: 880-38285-44

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			71579	01/24/24 22:36	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	71490	01/24/24 08:49	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71469	01/24/24 22:36	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	71423	01/23/24 10:33	SMC	EET MID
Soluble	Analysis	300.0		1			71605	01/26/24 06:45	CH	EET MID

Client Sample ID: T-8 (0-1')

Lab Sample ID: 880-38285-45

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71416	01/23/24 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71625	01/25/24 22:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 22:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 23:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	71490	01/24/24 08:49	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71469	01/24/24 23:00	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	71423	01/23/24 10:33	SMC	EET MID
Soluble	Analysis	300.0		10			71605	01/26/24 07:02	CH	EET MID

Client Sample ID: T-8 (1.5')

Lab Sample ID: 880-38285-46

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71416	01/23/24 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71625	01/25/24 23:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 23:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 23:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	71490	01/24/24 08:49	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71469	01/24/24 23:23	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	71423	01/23/24 10:33	SMC	EET MID
Soluble	Analysis	300.0		10			71605	01/26/24 07:08	CH	EET MID

Client Sample ID: T-8 (2')

Lab Sample ID: 880-38285-47

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71416	01/23/24 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71625	01/25/24 23:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 23:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/24/24 23:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	71490	01/24/24 08:49	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71469	01/24/24 23:44	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (2')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	71423	01/23/24 10:33	SMC	EET MID
Soluble	Analysis	300.0		10			71605	01/26/24 07:25	CH	EET MID

Client Sample ID: T-8 (3')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-48
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	71416	01/23/24 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71625	01/26/24 00:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 00:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 00:06	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	71490	01/24/24 08:49	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71469	01/25/24 00:06	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	71423	01/23/24 10:33	SMC	EET MID
Soluble	Analysis	300.0		10			71605	01/26/24 07:30	CH	EET MID

Client Sample ID: T-8 (4')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-49
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	71416	01/23/24 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71625	01/26/24 00:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 00:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 00:27	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	71490	01/24/24 08:49	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71469	01/25/24 00:27	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	71423	01/23/24 10:33	SMC	EET MID
Soluble	Analysis	300.0		10			71605	01/26/24 07:36	CH	EET MID

Client Sample ID: T-8 (5')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-50
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	71416	01/23/24 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71625	01/26/24 01:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 01:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 00:48	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	71490	01/24/24 08:49	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71469	01/25/24 00:48	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	71423	01/23/24 10:33	SMC	EET MID
Soluble	Analysis	300.0		10			71605	01/26/24 07:41	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (6')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-51
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	71416	01/23/24 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71625	01/26/24 02:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 02:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 01:29	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	71490	01/24/24 08:49	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71469	01/25/24 01:29	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	71423	01/23/24 10:33	SMC	EET MID
Soluble	Analysis	300.0		1			71605	01/26/24 07:47	CH	EET MID

Client Sample ID: T-9 (0-1')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-52
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	71416	01/23/24 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71625	01/26/24 03:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 03:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 01:50	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71490	01/24/24 08:49	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71469	01/25/24 01:50	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	71423	01/23/24 10:33	SMC	EET MID
Soluble	Analysis	300.0		10			71605	01/26/24 07:53	CH	EET MID

Client Sample ID: T-9 (1.5')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-53
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	71416	01/23/24 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71625	01/26/24 03:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 03:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 02:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	71490	01/24/24 08:49	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71469	01/25/24 02:10	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	71423	01/23/24 10:33	SMC	EET MID
Soluble	Analysis	300.0		10			71605	01/26/24 07:58	CH	EET MID

Client Sample ID: T-9 (2')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	71416	01/23/24 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71625	01/26/24 04:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 04:08	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-9 (2')

Lab Sample ID: 880-38285-54

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			71579	01/25/24 02:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	71490	01/24/24 08:49	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71469	01/25/24 02:32	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	71429	01/23/24 10:38	SMC	EET MID
Soluble	Analysis	300.0		10			71613	01/26/24 08:36	CH	EET MID

Client Sample ID: T-9 (3')

Lab Sample ID: 880-38285-55

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71416	01/23/24 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71625	01/26/24 04:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 04:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 02:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	71490	01/24/24 08:49	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71469	01/25/24 02:54	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	71429	01/23/24 10:38	SMC	EET MID
Soluble	Analysis	300.0		10			71613	01/26/24 08:51	CH	EET MID

Client Sample ID: T-9 (4')

Lab Sample ID: 880-38285-56

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71416	01/23/24 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71625	01/26/24 04:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 04:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 03:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	71490	01/24/24 08:49	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71469	01/25/24 03:15	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	71429	01/23/24 10:38	SMC	EET MID
Soluble	Analysis	300.0		10			71613	01/26/24 08:56	CH	EET MID

Client Sample ID: T-9 (5')

Lab Sample ID: 880-38285-57

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71416	01/23/24 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71625	01/26/24 05:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 05:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 03:36	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	71490	01/24/24 08:49	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71469	01/25/24 03:36	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-9 (5')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-57
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	71429	01/23/24 10:38	SMC	EET MID
Soluble	Analysis	300.0		10			71613	01/26/24 09:01	CH	EET MID

Client Sample ID: T-9 (6')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-58
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	71416	01/23/24 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71625	01/26/24 05:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 05:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 03:57	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	71490	01/24/24 08:49	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71469	01/25/24 03:57	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	71429	01/23/24 10:38	SMC	EET MID
Soluble	Analysis	300.0		10			71613	01/26/24 09:05	CH	EET MID

Client Sample ID: T-9 (7')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-59
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	71416	01/23/24 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71625	01/26/24 06:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 06:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 04:18	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	71490	01/24/24 08:49	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71469	01/25/24 04:18	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	71429	01/23/24 10:38	SMC	EET MID
Soluble	Analysis	300.0		10			71613	01/26/24 09:20	CH	EET MID

Client Sample ID: T-9 (8')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-60
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	71416	01/23/24 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71625	01/26/24 06:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 06:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 04:39	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71490	01/24/24 08:49	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71469	01/25/24 04:39	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	71429	01/23/24 10:38	SMC	EET MID
Soluble	Analysis	300.0		10			71613	01/26/24 09:25	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-9 (9')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-61
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	71419	01/23/24 10:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71562	01/26/24 02:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 02:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 09:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	71492	01/24/24 08:53	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 09:58	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	71429	01/23/24 10:38	SMC	EET MID
Soluble	Analysis	300.0		10			71613	01/26/24 09:30	CH	EET MID

Client Sample ID: T-9 (10')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-62
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	71419	01/23/24 10:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71562	01/26/24 02:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 02:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 11:07	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	71492	01/24/24 08:53	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 11:07	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	71429	01/23/24 10:38	SMC	EET MID
Soluble	Analysis	300.0		10			71613	01/26/24 09:35	CH	EET MID

Client Sample ID: T-9 (11')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-63
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	71419	01/23/24 10:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71562	01/26/24 03:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 03:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 11:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	71492	01/24/24 08:53	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 11:31	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	71429	01/23/24 10:38	SMC	EET MID
Soluble	Analysis	300.0		1			71613	01/26/24 09:40	CH	EET MID

Client Sample ID: T-10 (0-1')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-64
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	71419	01/23/24 10:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71562	01/26/24 03:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 03:39	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-10 (0-1')

Lab Sample ID: 880-38285-64

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			71579	01/25/24 11:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	71492	01/24/24 08:53	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 11:55	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	71429	01/23/24 10:38	SMC	EET MID
Soluble	Analysis	300.0		10			71613	01/26/24 09:44	CH	EET MID

Client Sample ID: T-10 (1.5')

Lab Sample ID: 880-38285-65

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71419	01/23/24 10:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71562	01/26/24 04:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 04:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 12:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	71492	01/24/24 08:53	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 12:18	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	71429	01/23/24 10:38	SMC	EET MID
Soluble	Analysis	300.0		5			71613	01/26/24 09:59	CH	EET MID

Client Sample ID: T-10 (2')

Lab Sample ID: 880-38285-66

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71419	01/23/24 10:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71562	01/26/24 04:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 04:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	71492	01/24/24 08:53	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 12:41	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	71429	01/23/24 10:38	SMC	EET MID
Soluble	Analysis	300.0		10			71613	01/26/24 10:04	CH	EET MID

Client Sample ID: T-10 (3')

Lab Sample ID: 880-38285-67

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71419	01/23/24 10:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71562	01/26/24 04:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 04:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 13:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	71492	01/24/24 08:53	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 13:03	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-10 (3')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-67

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	71429	01/23/24 10:38	SMC	EET MID
Soluble	Analysis	300.0		10			71613	01/26/24 10:18	CH	EET MID

Client Sample ID: T-10 (4')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-68

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	71419	01/23/24 10:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71562	01/26/24 05:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 05:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 13:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	71492	01/24/24 08:53	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 13:27	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	71429	01/23/24 10:38	SMC	EET MID
Soluble	Analysis	300.0		1			71613	01/26/24 10:23	CH	EET MID

Client Sample ID: T-10 (5')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-69

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	71419	01/23/24 10:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71562	01/26/24 05:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 05:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 13:50	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	71492	01/24/24 08:53	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 13:50	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	71429	01/23/24 10:38	SMC	EET MID
Soluble	Analysis	300.0		10			71613	01/26/24 10:28	CH	EET MID

Client Sample ID: T-10 (6')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-70

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	71419	01/23/24 10:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71562	01/26/24 05:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 05:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 14:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	71492	01/24/24 08:53	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 14:12	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	71429	01/23/24 10:38	SMC	EET MID
Soluble	Analysis	300.0		5			71613	01/26/24 10:33	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-10 (6.5')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-71

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	71673	01/26/24 09:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71750	01/27/24 17:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/27/24 17:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 15:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	71492	01/24/24 08:53	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 15:39	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	71429	01/23/24 10:38	SMC	EET MID
Soluble	Analysis	300.0		1			71613	01/26/24 10:37	CH	EET MID

Client Sample ID: T-11 (0-1')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-72

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	71673	01/26/24 09:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71750	01/27/24 17:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/27/24 17:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 16:00	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	71492	01/24/24 08:53	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 16:00	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	71429	01/23/24 10:38	SMC	EET MID
Soluble	Analysis	300.0		10			71613	01/26/24 10:42	CH	EET MID

Client Sample ID: T-11 (1.5')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-73

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	71673	01/26/24 09:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71750	01/27/24 17:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/27/24 17:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 16:36	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	71492	01/24/24 08:53	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 16:36	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	71429	01/23/24 10:38	SMC	EET MID
Soluble	Analysis	300.0		10			71613	01/26/24 10:47	CH	EET MID

Client Sample ID: T-11 (2')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-74

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	71673	01/26/24 09:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71750	01/27/24 18:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/27/24 18:12	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-11 (2')

Lab Sample ID: 880-38285-74

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			71579	01/25/24 16:57	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71492	01/24/24 08:53	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 16:57	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	71431	01/23/24 10:41	SMC	EET MID
Soluble	Analysis	300.0		10			71614	01/26/24 11:26	CH	EET MID

Client Sample ID: T-11 (3')

Lab Sample ID: 880-38285-75

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71673	01/26/24 09:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71750	01/27/24 18:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/27/24 18:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 17:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	71492	01/24/24 08:53	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 17:19	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	71431	01/23/24 10:41	SMC	EET MID
Soluble	Analysis	300.0		10			71614	01/26/24 11:40	CH	EET MID

Client Sample ID: T-11 (4')

Lab Sample ID: 880-38285-76

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71673	01/26/24 09:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71750	01/27/24 18:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/27/24 18:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	71492	01/24/24 08:53	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 17:39	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	71431	01/23/24 10:41	SMC	EET MID
Soluble	Analysis	300.0		5			71614	01/26/24 11:45	CH	EET MID

Client Sample ID: T-11 (5')

Lab Sample ID: 880-38285-77

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71673	01/26/24 09:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71750	01/27/24 19:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/27/24 19:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 18:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	71492	01/24/24 08:53	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 18:00	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-11 (5')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-77

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	71431	01/23/24 10:41	SMC	EET MID
Soluble	Analysis	300.0		10			71614	01/26/24 11:50	CH	EET MID

Client Sample ID: T-11 (6')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-78

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	71673	01/26/24 09:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71750	01/27/24 19:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/27/24 19:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 18:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	71492	01/24/24 08:53	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 18:20	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	71431	01/23/24 10:41	SMC	EET MID
Soluble	Analysis	300.0		5			71614	01/26/24 11:55	CH	EET MID

Client Sample ID: T-11 (7')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-79

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	71673	01/26/24 09:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71750	01/27/24 19:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/27/24 19:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 18:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	71492	01/24/24 08:53	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 18:42	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	71431	01/23/24 10:41	SMC	EET MID
Soluble	Analysis	300.0		5			71614	01/26/24 12:09	CH	EET MID

Client Sample ID: T-11 (7.5')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-80

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	71673	01/26/24 09:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71750	01/27/24 20:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/27/24 20:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 19:02	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	71492	01/24/24 08:53	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 19:02	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	71431	01/23/24 10:41	SMC	EET MID
Soluble	Analysis	300.0		1			71614	01/26/24 12:14	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-12 (0-1')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-81
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	71430	01/23/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/26/24 12:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 12:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 09:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	71493	01/24/24 08:58	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 09:58	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	71431	01/23/24 10:41	SMC	EET MID
Soluble	Analysis	300.0		20			71614	01/26/24 12:19	CH	EET MID

Client Sample ID: T-12 (1.5')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-82
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	71430	01/23/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/26/24 12:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 12:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 11:07	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	71493	01/24/24 08:58	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 11:07	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	71431	01/23/24 10:41	SMC	EET MID
Soluble	Analysis	300.0		10			71614	01/26/24 12:24	CH	EET MID

Client Sample ID: T-12 (2')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-83
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	71430	01/23/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/26/24 13:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 13:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 11:31	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71493	01/24/24 08:58	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 11:31	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	71431	01/23/24 10:41	SMC	EET MID
Soluble	Analysis	300.0		5			71614	01/26/24 12:29	CH	EET MID

Client Sample ID: T-12 (3')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-84
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	71430	01/23/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/26/24 13:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 13:33	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-12 (3')

Lab Sample ID: 880-38285-84

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			71579	01/25/24 11:55	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71493	01/24/24 08:58	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 11:55	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	71431	01/23/24 10:41	SMC	EET MID
Soluble	Analysis	300.0		1			71614	01/26/24 12:33	CH	EET MID

Client Sample ID: T-12 (4')

Lab Sample ID: 880-38285-85

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71430	01/23/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/26/24 13:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 13:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 12:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	71493	01/24/24 08:58	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 12:18	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	71431	01/23/24 10:41	SMC	EET MID
Soluble	Analysis	300.0		1			71614	01/26/24 12:48	CH	EET MID

Client Sample ID: T-12 (5')

Lab Sample ID: 880-38285-86

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71430	01/23/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/26/24 14:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 14:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	71493	01/24/24 08:58	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 12:41	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	71431	01/23/24 10:41	SMC	EET MID
Soluble	Analysis	300.0		1			71614	01/26/24 12:53	CH	EET MID

Client Sample ID: T-12 (6')

Lab Sample ID: 880-38285-87

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71430	01/23/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/26/24 14:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 14:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 13:03	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	71493	01/24/24 08:58	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 13:03	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-12 (6')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-87

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	71431	01/23/24 10:41	SMC	EET MID
Soluble	Analysis	300.0		1			71614	01/26/24 13:07	CH	EET MID

Client Sample ID: T-13 (0-1')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-88

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	71430	01/23/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/26/24 15:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 15:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 13:27	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71493	01/24/24 08:58	AM	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	71545	01/25/24 13:27	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	71431	01/23/24 10:41	SMC	EET MID
Soluble	Analysis	300.0		20			71614	01/26/24 13:12	CH	EET MID

Client Sample ID: T-13 (1.5')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-89

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	71430	01/23/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/26/24 15:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 15:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 13:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	71493	01/24/24 08:58	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 13:50	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	71431	01/23/24 10:41	SMC	EET MID
Soluble	Analysis	300.0		20			71614	01/26/24 13:17	CH	EET MID

Client Sample ID: T-13 (2')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-90

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	71430	01/23/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/26/24 16:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 16:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 14:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	71493	01/24/24 08:58	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 14:12	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	71431	01/23/24 10:41	SMC	EET MID
Soluble	Analysis	300.0		10			71614	01/26/24 13:22	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-13 (3')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-91
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	71430	01/23/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/26/24 17:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 17:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 15:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	71493	01/24/24 08:58	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 15:39	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	71431	01/23/24 10:41	SMC	EET MID
Soluble	Analysis	300.0		5			71614	01/26/24 13:26	CH	EET MID

Client Sample ID: T-13 (4')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-92
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	71430	01/23/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/26/24 18:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 18:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 16:00	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	71493	01/24/24 08:58	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 16:00	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	71431	01/23/24 10:41	SMC	EET MID
Soluble	Analysis	300.0		5			71614	01/26/24 13:31	CH	EET MID

Client Sample ID: T-13 (5')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-93
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	71430	01/23/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/26/24 18:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 18:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 16:36	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	71493	01/24/24 08:58	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 16:36	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	71431	01/23/24 10:41	SMC	EET MID
Soluble	Analysis	300.0		5			71614	01/26/24 13:36	CH	EET MID

Client Sample ID: T-13 (6')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-94
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	71430	01/23/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/26/24 19:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 19:16	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-13 (6')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-94

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			71579	01/25/24 16:57	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71493	01/24/24 08:58	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 16:57	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	71432	01/23/24 10:45	SMC	EET MID
Soluble	Analysis	300.0		1			71615	01/25/24 23:17	CH	EET MID

Client Sample ID: T-13 (7')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-95

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	71430	01/23/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/26/24 19:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 19:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 17:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	71493	01/24/24 08:58	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 17:19	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	71432	01/23/24 10:45	SMC	EET MID
Soluble	Analysis	300.0		1			71615	01/25/24 23:37	CH	EET MID

Client Sample ID: T-14 (0-1')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-96

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	71430	01/23/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/26/24 20:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 20:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	71493	01/24/24 08:58	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 17:39	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	71432	01/23/24 10:45	SMC	EET MID
Soluble	Analysis	300.0		10			71615	01/25/24 23:44	CH	EET MID

Client Sample ID: T-14 (1.5')

Date Collected: 01/18/24 00:00

Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-97

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	71430	01/23/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/26/24 20:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 20:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 18:00	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	71493	01/24/24 08:58	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 18:00	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-14 (1.5')

Lab Sample ID: 880-38285-97

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	71432	01/23/24 10:45	SMC	EET MID
Soluble	Analysis	300.0		10			71615	01/25/24 23:51	CH	EET MID

Client Sample ID: T-14 (2')

Lab Sample ID: 880-38285-98

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71430	01/23/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/26/24 21:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 21:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 18:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	71493	01/24/24 08:58	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 18:20	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	71432	01/23/24 10:45	SMC	EET MID
Soluble	Analysis	300.0		10			71615	01/25/24 23:58	CH	EET MID

Client Sample ID: T-14 (3')

Lab Sample ID: 880-38285-99

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71430	01/23/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/26/24 21:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 21:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 18:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	71493	01/24/24 08:58	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 18:42	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	71432	01/23/24 10:45	SMC	EET MID
Soluble	Analysis	300.0		10			71615	01/26/24 00:19	CH	EET MID

Client Sample ID: T-14 (4')

Lab Sample ID: 880-38285-100

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71430	01/23/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/26/24 21:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/26/24 21:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 19:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	71493	01/24/24 08:58	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 19:02	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	71432	01/23/24 10:45	SMC	EET MID
Soluble	Analysis	300.0		10			71615	01/26/24 00:26	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-14 (5')

Lab Sample ID: 880-38285-101

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71461	01/23/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71559	01/25/24 12:02	MNR	EET MID
Total/NA	Prep	5035			4.98 g	5 mL	71461	01/23/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71559	01/25/24 15:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 12:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 20:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	71494	01/24/24 09:03	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 20:43	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	71432	01/23/24 10:45	SMC	EET MID
Soluble	Analysis	300.0		10			71615	01/26/24 00:33	CH	EET MID

Client Sample ID: T-14 (6')

Lab Sample ID: 880-38285-102

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71461	01/23/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71559	01/25/24 12:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 21:46	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	71494	01/24/24 09:03	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 21:46	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	71432	01/23/24 10:45	SMC	EET MID
Soluble	Analysis	300.0		1			71615	01/26/24 00:39	CH	EET MID

Client Sample ID: T-14 (7')

Lab Sample ID: 880-38285-103

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71461	01/23/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71559	01/25/24 12:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 12:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 22:06	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	71494	01/24/24 09:03	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 22:06	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	71432	01/23/24 10:45	SMC	EET MID
Soluble	Analysis	300.0		1			71615	01/26/24 00:46	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-15 (0-1')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-104
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	71461	01/23/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71559	01/25/24 13:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 13:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 22:27	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71494	01/24/24 09:03	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 22:27	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	71432	01/23/24 10:45	SMC	EET MID
Soluble	Analysis	300.0		10			71615	01/26/24 00:53	CH	EET MID

Client Sample ID: T-15 (1.5')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-105
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	71461	01/23/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71559	01/25/24 13:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 13:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 22:48	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	71494	01/24/24 09:03	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 22:48	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	71432	01/23/24 10:45	SMC	EET MID
Soluble	Analysis	300.0		1			71615	01/26/24 01:13	CH	EET MID

Client Sample ID: T-15 (2')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-106
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	71461	01/23/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71559	01/25/24 13:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 13:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 23:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	71494	01/24/24 09:03	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 23:09	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	71432	01/23/24 10:45	SMC	EET MID
Soluble	Analysis	300.0		1			71615	01/26/24 01:20	CH	EET MID

Client Sample ID: T-15 (3')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38285-107
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	71461	01/23/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71559	01/25/24 14:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 14:05	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-15 (3')

Lab Sample ID: 880-38285-107

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			71579	01/25/24 23:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	71494	01/24/24 09:03	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 23:29	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	71432	01/23/24 10:45	SMC	EET MID
Soluble	Analysis	300.0		1			71615	01/26/24 01:41	CH	EET MID

Client Sample ID: T-15 (4')

Lab Sample ID: 880-38285-108

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71461	01/23/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71559	01/25/24 14:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 14:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/25/24 23:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	71494	01/24/24 09:03	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/25/24 23:50	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	71432	01/23/24 10:45	SMC	EET MID
Soluble	Analysis	300.0		1			71615	01/26/24 01:48	CH	EET MID

Client Sample ID: T-15 (5')

Lab Sample ID: 880-38285-109

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71461	01/23/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71559	01/25/24 14:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 14:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/26/24 00:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	71494	01/24/24 09:03	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/26/24 00:10	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	71432	01/23/24 10:45	SMC	EET MID
Soluble	Analysis	300.0		1			71615	01/26/24 01:55	CH	EET MID

Client Sample ID: T-15 (6')

Lab Sample ID: 880-38285-110

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71461	01/23/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71559	01/25/24 18:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 18:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/26/24 00:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	71494	01/24/24 09:03	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/26/24 00:30	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-15 (6')

Lab Sample ID: 880-38285-110

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	71432	01/23/24 10:45	SMC	EET MID
Soluble	Analysis	300.0		1			71615	01/26/24 02:01	CH	EET MID

Client Sample ID: T-16 (0-1')

Lab Sample ID: 880-38285-111

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71461	01/23/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71559	01/25/24 18:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 18:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/26/24 01:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	71494	01/24/24 09:03	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/26/24 01:12	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	71432	01/23/24 10:45	SMC	EET MID
Soluble	Analysis	300.0		10			71615	01/26/24 02:08	CH	EET MID

Client Sample ID: T-16 (1.5')

Lab Sample ID: 880-38285-112

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71461	01/23/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71559	01/25/24 19:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 19:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/26/24 01:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	71494	01/24/24 09:03	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/26/24 01:33	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	71432	01/23/24 10:45	SMC	EET MID
Soluble	Analysis	300.0		5			71615	01/26/24 02:15	CH	EET MID

Client Sample ID: T-16 (2')

Lab Sample ID: 880-38285-113

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71461	01/23/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71559	01/25/24 19:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 19:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/26/24 01:55	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	71494	01/24/24 09:03	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/26/24 01:55	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	71432	01/23/24 10:45	SMC	EET MID
Soluble	Analysis	300.0		1			71615	01/26/24 02:22	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Client Sample ID: T-16 (3')

Lab Sample ID: 880-38285-114

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71461	01/23/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71559	01/25/24 19:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 19:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/26/24 02:15	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	71494	01/24/24 09:03	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/26/24 02:15	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	71470	01/24/24 07:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	71515	01/24/24 14:05	SMC	EET MID

Client Sample ID: T-16 (4')

Lab Sample ID: 880-38285-115

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71461	01/23/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71559	01/25/24 20:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 20:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/26/24 02:36	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71494	01/24/24 09:03	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/26/24 02:36	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	71470	01/24/24 07:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	71515	01/24/24 14:12	SMC	EET MID

Client Sample ID: T-16 (5')

Lab Sample ID: 880-38285-116

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71461	01/23/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71559	01/25/24 20:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71652	01/25/24 20:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			71579	01/26/24 02:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	71494	01/24/24 09:03	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71545	01/26/24 02:57	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	71470	01/24/24 07:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	71515	01/24/24 14:19	SMC	EET MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	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: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-38285-1	T-1 (0-1')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-2	T-1 (1.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-3	T-1 (2')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-4	T-1 (3')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-5	T-1 (4')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-6	T-1 (5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-7	T-2 (0-1')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-8	T-2 (1.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-9	T-2 (2')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-10	T-2 (3')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-11	T-2 (4')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-12	T-2 (5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-13	T-2 (6')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-14	T-2 (7')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-15	T-3 (0-1')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-16	T-3 (1.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-17	T-3 (2')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-18	T-3 (3')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-19	T-3 (4')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-20	T-3 (5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-21	T-4 (0-1')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-22	T-4 (1.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-23	T-4 (2')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-24	T-4 (3')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-25	T-4 (4')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-26	T-4 (5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-27	T-5 (0-1')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-28	T-5 (1.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-29	T-5 (2')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-30	T-5 (3')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-31	T-5 (4')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-32	T-5 (5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-33	T-6 (0-1')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-34	T-6 (1.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-35	T-6 (2')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-36	T-6 (3')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-37	T-6 (4')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-38	T-6 (5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-39	T-7 (0-1')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-40	T-7 (1.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-41	T-7 (2')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-42	T-7 (3')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-43	T-7 (4')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-44	T-7 (5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-45	T-8 (0-1')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-46	T-8 (1.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-47	T-8 (2')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-48	T-8 (3')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-49	T-8 (4')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-50	T-8 (5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-51	T-8 (6')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-52	T-9 (0-1')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-53	T-9 (1.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-54	T-9 (2')	Solid	01/18/24 00:00	01/22/24 16:45

Sample Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-38285-55	T-9 (3')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-56	T-9 (4')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-57	T-9 (5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-58	T-9 (6')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-59	T-9 (7')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-60	T-9 (8')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-61	T-9 (9')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-62	T-9 (10')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-63	T-9 (11')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-64	T-10 (0-1')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-65	T-10 (1.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-66	T-10 (2')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-67	T-10 (3')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-68	T-10 (4')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-69	T-10 (5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-70	T-10 (6')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-71	T-10 (6.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-72	T-11 (0-1')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-73	T-11 (1.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-74	T-11 (2')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-75	T-11 (3')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-76	T-11 (4')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-77	T-11 (5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-78	T-11 (6')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-79	T-11 (7')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-80	T-11 (7.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-81	T-12 (0-1')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-82	T-12 (1.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-83	T-12 (2')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-84	T-12 (3')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-85	T-12 (4')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-86	T-12 (5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-87	T-12 (6')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-88	T-13 (0-1')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-89	T-13 (1.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-90	T-13 (2')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-91	T-13 (3')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-92	T-13 (4')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-93	T-13 (5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-94	T-13 (6')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-95	T-13 (7')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-96	T-14 (0-1')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-97	T-14 (1.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-98	T-14 (2')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-99	T-14 (3')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-100	T-14 (4')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-101	T-14 (5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-102	T-14 (6')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-103	T-14 (7')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-104	T-15 (0-1')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-105	T-15 (1.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-106	T-15 (2')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-107	T-15 (3')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-108	T-15 (4')	Solid	01/18/24 00:00	01/22/24 16:45

Sample Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38285-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-38285-109	T-15 (5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-110	T-15 (6')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-111	T-16 (0-1')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-112	T-16 (1.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-113	T-16 (2')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-114	T-16 (3')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-115	T-16 (4')	Solid	01/18/24 00:00	01/22/24 16:45
880-38285-116	T-16 (5')	Solid	01/18/24 00:00	01/22/24 16:45

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880-38285 Chain of Custody

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 ☐ PRP ☐ Brownfields ☐ RC ☐ Spill ☐	
State of Project: ☐ Level II ☐ Level III ☐ ST/UST ☐ PRP ☐ Level IV ☐	
Reporting Level II	☐ Level III ☐ ST/UST ☐ PRP ☐ Level IV ☐
Deliverables EDD	☐ ADAPT ☐ Other

Project Name:	Antero New Riser Spill	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number	2233	☐ Routine ☒ Rush	Due Date:	72 Hours													None: NO	DI Water H ₂ O
Project Location	Lea County, New Mexico																Cool Cool	MeOH: Me
Sampler's Name	JR/IR																HCL, HC	HNO ₃ , HN
PO #:																	H ₂ SO ₄ , H ₂	NaOH Na
SAMPLE RECEIPT	Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐													H ₃ PO ₄ , HP	
Received Intact:	Yes ☒ No ☐	Thermometer ID:	Yes ☒ No ☐	Correction Factor													NaHSO ₄ , NABIS	
Cooler Custody Seals:	Yes ☒ No ☐	Temperature Reading	Yes ☒ No ☐	Corrected Temperature													Na ₂ S ₂ O ₃ , NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐																Zn Acetate+NaOH Zn	
Total Containers																	NaOH+Ascorbic Acid, SAPC	

Sample Identification	Date	Time	Soil	Water	Grav/Comp	# of Cont													Sample Comments
T-1 (0-1')	1/18/2024		X		G	1	X	X	X										
T-1 (1.5')	1/18/2024		X		G	1	X	X	X										
T-1 (2')	1/18/2024		X		G	1	X	X	X										
T-1 (3')	1/18/2024		X		G	1	X	X	X										
T-1 (4')	1/18/2024		X		G	1	X	X	X										
T-1 (5')	1/18/2024		X		G	1	X	X	X										
T-2 (0-1')	1/18/2024		X		G	1	X	X	X										
T-2 (1.5')	1/18/2024		X		G	1	X	X	X										
T-2 (2')	1/18/2024		X		G	1	X	X	X										
T-2 (3')	1/18/2024		X		G	1	X	X	X										

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

Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time
		1/22/24			
		1645			

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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/PT	PRP
State of Project:	Reporting Level II
Deliverables	EDD
ADAPT	Other

Project Name	Antero New Riser Spill	Turn Around	Prep. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number	2233	☐ Routine ☒ Rush	72 Hours														None: NO	DI Water H ₂ O
Project Location	Lea County, New Mexico	Due Date															Cool Cool	MeOH Me
Samplers Name	JR/R																HCL, HC	HNO ₃ HN
PO #:																	H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT	Temp Blank	Yes No	Wet Ice:	Yes No													H ₃ PO ₄ , HP	
Received Intact:	Yes No	Thermometer ID:	Correction Factor														NaHSO ₄ NABIS	
Cooler Custody Seals:	Yes No N/A	Temperature Reading	Corrected Temperature														Na ₂ S ₂ O ₃ , NaSO ₃	
Sample Custody Seals:	Yes No N/A																Zn Acetate+NaOH Zn	
Total Containers																	NaOH+Ascorbic Acid SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/	# of	TPH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Comments: Email to Mike Carmona / Mearmona@carmonarresources.com and Conner Moehring / Cmoehring@carmonarresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	1/22/24		1/24/24

Work Order No: 30185

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Work Order No: 38285

Page 4 of 12

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/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Perturb ☐	
State of Project:	
Reporting Level I ☐ Level II ☐ Level III ☐ ST/UST ☐ PRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Project Name:	Antero New Riser Spill		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number	2233		☐ Routine	☒ Rush		72 Hours													None: NO	DI Water H ₂ O		
Project Location	Lea County, New Mexico		Due Date															Cool Cool	MeOH Me			
Sampler's Name:	JR/IR																		HCL, HC	HNO ₃ HN		
PO #:																		H ₂ SO ₄ , H ₂	NaOH Na			
SAMPLE RECEIPT			Temp Blank:	Yes	No	Wet Ice:	Yes	No													H ₃ PO ₄ , HP	
Received Inact:			Yes	No	Thermometer ID													NaHSO ₄ NABIS				
Cooler Custody Seals:			Yes	No	Correction Factor													Na ₂ S ₂ O ₃ , NaSO ₃				
Sample Custody Seals			Yes	No	Temperature Reading													Zn Acetate+NaOH Zn				
Total Containers					Corrected Temperature.													NaOH+Ascorbic Acid SAPC				

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
T-5 (4)	1/18/2024		X		G	1	X	X	X	X									
T-5 (5)	1/18/2024		X		G	1	X	X	X	X									
T-6 (0-1)	1/18/2024		X		G	1	X	X	X	X									
T-6 (1.5)	1/18/2024		X		G	1	X	X	X	X									
T-6 (2)	1/18/2024		X		G	1	X	X	X	X									
T-6 (3)	1/18/2024		X		G	1	X	X	X	X									
T-6 (4)	1/18/2024		X		G	1	X	X	X	X									
T-6 (5)	1/18/2024		X		G	1	X	X	X	X									
T-7 (0-1)	1/18/2024		X		G	1	X	X	X	X									
T-7 (1.5)	1/18/2024		X		G	1	X	X	X	X									

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

Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time
		1/22/24			
		1645			

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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

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Pertund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	Deliverables: EDD ☐ ADAPT ☐ Other ☐

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Work Order No: 38285

Project Name:		Antero New Riser Spill		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes					
Project Number	2233	☐ Routine	☒ Rush	Due Date	72 Hours														None: NO	DI Water H ₂ O				
Project Location	Lea County, New Mexico																		Cool Cool	MeOH Me				
Sampler's Name	JR/R																		HCL, HC	HNO ₃ , HN				
PO #:																			H ₂ SO ₄ , H ₂	NaOH Na				
SAMPLE RECEIPT		Temp Blank:	Yes	No	Thermometer ID:	Yes	No	Wet Ice:	Yes	No													H ₃ PO ₄ , HP	
Received Intact:		Yes	No	Correction Factor														NaHSO ₄ , NABIS						
Cooler Custody Seals:		Yes	No	N/A	Temperature Reading:														Na ₂ S ₂ O ₃ , NaSO ₃					
Sample Custody Seals:		Yes	No	N/A	Corrected Temperature:														Zn Acetate+NaOH Zn					
Total Containers:																		NaOH+Ascorbic Acid SAPC						
Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont													Sample Comments				
T-7 (2)		1/18/2024		X		G	1	X	X	X														
T-7 (3)		1/18/2024		X		G	1	X	X	X														
T-7 (4)		1/18/2024		X		G	1	X	X	X														
T-7 (5)		1/18/2024		X		G	1	X	X	X														
T-8 (0-1')		1/18/2024		X		G	1	X	X	X														
T-8 (1.5')		1/18/2024		X		G	1	X	X	X														
T-8 (2)		1/18/2024		X		G	1	X	X	X														
T-8 (3)		1/18/2024		X		G	1	X	X	X														
T-8 (4)		1/18/2024		X		G	1	X	X	X														
T-8 (5')		1/18/2024		X		G	1	X	X	X														

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

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
		1/22/24			
		1645			

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 ☐ PRP ☐ Brownfields ☐ RC ☐ ☐ perfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Work Order No:

38285

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Comments: Email to [Mike Carmona / Mccarmona@CarmonaResources.com](mailto:Mike.Carmona@CarmonaResources.com) and [Conner Moehring / Cmoehring@CarmonaResources.com](mailto:Conner.Moehring@CarmonaResources.com)

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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	5508 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Tx 79706
Phone	432-813-6823	Email	Todd Wells@eogresources.com

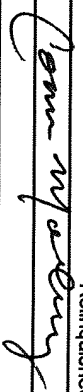
Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Spentfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

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Work Order No: 150285

Project Name:	Antero New Riser Spill		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	2233	☐ Routine ☒ Rush	Due Date	72 Hours														None: NO	DI Water H ₂ O
Project Location	Lea County, New Mexico																	Cool Cool	MeOH, Me
Sampler's Name:	JR/IR																	HCL, HC	HNO ₃ HN
PO #:																		H ₂ SO ₄ , H ₂	NaOH Na
SAMPLE RECEIPT	Temp Blank:	Yes No	Well Ice:	Yes No													H ₃ PO ₄ , HP		
Received Intact:	Yes No	Thermometer ID															NaHSO ₄ , NABIS		
Cooler Custody Seals:	Yes No N/A	Correction Factor															Na ₂ S ₂ O ₈ , NaSO ₃		
Sample Custody Seals	Yes No N/A	Temperature Reading															Zn Acetate+NaOH Zn		
Total Containers:			Corrected Temperature:														NaOH+Ascorbic Acid: SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
T-9 (9)	1/18/2024		X		G	1	X	X	X										
T-9 (10)	1/18/2024		X		G	1	X	X	X										
T-9 (11)	1/18/2024		X		G	1	X	X	X										
T-10 (0-1)	1/18/2024		X		G	1	X	X	X										
T-10 (1.5)	1/18/2024		X		G	1	X	X	X										
T-10 (2)	1/18/2024		X		G	1	X	X	X										
T-10 (3)	1/18/2024		X		G	1	X	X	X										
T-10 (4)	1/18/2024		X		G	1	X	X	X										
T-10 (5)	1/18/2024		X		G	1	X	X	X										
T-10 (6)	1/18/2024		X		G	1	X	X	X										

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

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
		1/22/24			
		1045			

Project Manager	Corner 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 ☐ PRP ☐ Brownfields ☐ RC ☐ perfund ☐			
State of Project:			
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐			
Deliverables EDD ☐ ADAPT ☐ Other ☐			

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

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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	PRP ☐ Brownfields ☐ JRC ☐ Iperfund ☐
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST	PRP ☐ Level IV ☐
Deliverables: EDD ☐ ADAPT ☐ Other	

Project Name	Antero New Riser Spill		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number	2233		☐ Routine	☒ Rush		72 Hours													None: NO	DI Water H ₂ O
Project Location	Lea County, New Mexico		Due Date															Cool Cool	MeOH Me	
Sample's Name	JR/JR																	HCL, HC	HNO ₃ HN	
PO #:																		H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT	Temp Blank:	Yes No	Yes No	Wet Ice:	Yes No													H ₃ PO ₄ , HP		
Received Intact:	Yes No	Thermometer ID:																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																Zn Acetate+NaOH Zn		
Total Containers			Corrected Temperature															NaOH+Ascorbic Acid SAPC		

Sample Identification	Date	Time	Soil	Water	Grab/	# of	TPH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time
		1/22/24			
		1645			

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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

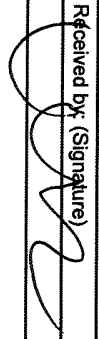
Program: UST/PT ☐ PRP ☐ Brownfields ☐ RC ☐ Pertund ☐	
State of Project:	
Reporting Level I ☐ Level II ☐ Level III ☐ ST/UST ☐ PRP ☐ Level IV ☐	Deliverables EDD ☐ ADAPT ☐ Other ☐

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Work Order No: 28285

Project Name:		Antero New Riser Spill			Turn Around			ANALYSIS REQUEST												Preservative Codes									
Project Number		2233			☐ Routine ☒ Rush			Pres. Code											None: NO	DI Water	H ₂ O								
Project Location		Lea County, New Mexico			Due Date:		72 Hours												Cool	Cool	MeOH	Me							
Sampler's Name		JR/R																	HCL, HC		HNO ₃	HN							
PO #:																			H ₂ SO ₄ , H ₂			NaOH	Na						
SAMPLE RECEIPT		Temp Blank:		Yes No		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ , HP					
Received Intact:		Yes No		Thermometer ID:																			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																			Zn Acetate+NaOH Zn				
Total Containers:						Corrected Temperature:																			NaOH+Ascorbic Acid			SAPC	
Sample Identification			Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments		
T-13 (3)			1/18/2024				X				G		1		BTEX 8021B														
T-13 (4)			1/18/2024				X				G		1		TPH 8015M (GRO + DRO + MRO)														
T-13 (5)			1/18/2024				X				G		1		Chloride 300.0														
T-13 (6)			1/18/2024				X				G		1																
T-13 (7)			1/18/2024				X				G		1																
T-14 (0-1)			1/18/2024				X				G		1																
T-14 (1.5)			1/18/2024				X				G		1																
T-14 (2)			1/18/2024				X				G		1																
T-14 (3)			1/18/2024				X				G		1																
T-14 (4)			1/18/2024				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
	1/22/24		

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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

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Work Order Comments	
Program: UST/PT ☐ PRP ☐ Brownfields ☐ JRC ☐ Iperfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ PRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Project Name:	Antero New Riser Spill	Turn Around	Parameters	ANALYSIS REQUEST												Preservative Codes		
Project Number	2233	☐ Routine ☒ Rush	72 Hours	Param. Code													None, NO	DI Water H ₂ O
Project Location	Lea County, New Mexico	Due Date															Cool Cool	MeOH Me
Sample's Name	JR/R																HCL, HC	HNO ₃ , HN
PO #:																	H ₂ SO ₄ , H ₂	NaOH Na
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No													H ₃ PO ₄ , HP	
Received Intact:	Yes No	Thermometer ID:															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															Zn Acetate+NaOH Zn	
Total Containers		Corrected Temperature															NaOH+Ascorbic Acid SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH										Sample Comments		
T-14 (5)	1/18/2024		X		G	1	X	X	X										
T-14 (6)	1/18/2024		X		G	1	X	X	X	X									
T-14 (7)	1/18/2024		X		G	1	X	X	X	X									
T-15 (0-1)	1/18/2024		X		G	1	X	X	X	X									
T-15 (1.5)	1/18/2024		X		G	1	X	X	X	X									
T-15 (2)	1/18/2024		X		G	1	X	X	X	X									
T-15 (3)	1/18/2024		X		G	1	X	X	X	X									
T-15 (4)	1/18/2024		X		G	1	X	X	X	X									
T-15 (5)	1/18/2024		X		G	1	X	X	X	X									
T-15 (6)	1/18/2024		X		G	1	X	X	X	X									

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	1/22/24		

Work Order No: 38285

[illegible]

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-38285-1
SDG Number: Lea County, New Mexico

Login Number: 38285
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	



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 1/26/2024 5:23:49 PM

JOB DESCRIPTION

Antero New Riser Spill
Lea County, New Mexico

JOB NUMBER

880-38284-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

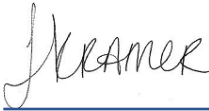
Eurofins Midland

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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1/26/2024 5:23:49 PM

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

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Laboratory Job ID: 880-38284-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
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: Antero New Riser Spill

Job ID: 880-38284-1

Job ID: 880-38284-1

Eurofins Midland

Job Narrative 880-38284-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The samples were received on 1/22/2024 4:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -4.2°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-38284-1), H-2 (0-0.5') (880-38284-2), H-3 (0-0.5') (880-38284-3), H-4 (0-0.5') (880-38284-4), H-5 (0-0.5') (880-38284-5), H-6 (0-0.5') (880-38284-6), H-7 (0-0.5') (880-38284-7), H-8 (0-0.5') (880-38284-8), H-9 (0-0.5') (880-38284-9), H-10 (0-0.5') (880-38284-10), H-11 (0-0.5') (880-38284-11), H-12 (0-0.5') (880-38284-12) and H-13 (0-0.5') (880-38284-13).

GC VOA

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-71472 recovered above the upper control limit for Benzene and o-Xylene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported.

Method 8021B: Surrogate recovery for the following sample was outside control limits: H-2 (0-0.5') (880-38284-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-71412 and analytical batch 880-71472 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 8021B: The surrogate recovery for the blank associated with preparation batch 880-71410 and analytical batch 880-71472 was outside the control limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-71471 recovered above the upper control limit for Benzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-71471/2).

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-71473 and analytical batch 880-71471 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-71471 recovered above the upper control limit for Benzene, Ethylbenzene, m-Xylene & p-Xylene and o-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8021B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-71414 and analytical batch 880-71471 recovered outside control limits for the following analytes: Ethylbenzene.

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

GC Semi VOA

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Antero New Riser Spill

Job ID: 880-38284-1

Job ID: 880-38284-1 (Continued) Eurofins Midland

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 880-71418 and analytical batch 880-71598 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.

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-38284-1

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 09:51	01/25/24 02:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 09:51	01/25/24 02:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 09:51	01/25/24 02:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/23/24 09:51	01/25/24 02:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 09:51	01/25/24 02:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/23/24 09:51	01/25/24 02:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	01/23/24 09:51	01/25/24 02:51	1
1,4-Difluorobenzene (Surr)	77		70 - 130	01/23/24 09:51	01/25/24 02:51	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			01/25/24 02:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/25/24 20:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/24/24 10:23	01/25/24 20:43	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/24/24 10:23	01/25/24 20:43	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/24/24 10:23	01/25/24 20:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	01/24/24 10:23	01/25/24 20:43	1
o-Terphenyl	115		70 - 130	01/24/24 10:23	01/25/24 20:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.1		4.96		mg/Kg			01/23/24 23:04	1

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

Lab Sample ID: 880-38284-2

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 09:51	01/25/24 03:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 09:51	01/25/24 03:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 09:51	01/25/24 03:11	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/23/24 09:51	01/25/24 03:11	1
o-Xylene	0.00527		0.00200		mg/Kg		01/23/24 09:51	01/25/24 03:11	1
Xylenes, Total	0.00527		0.00401		mg/Kg		01/23/24 09:51	01/25/24 03:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	01/23/24 09:51	01/25/24 03:11	1
1,4-Difluorobenzene (Surr)	69	S1-	70 - 130	01/23/24 09:51	01/25/24 03:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-38284-2

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00527		0.00401		mg/Kg			01/25/24 03:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			01/25/24 21:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		01/24/24 10:23	01/25/24 21:46	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/24/24 10:23	01/25/24 21:46	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/24/24 10:23	01/25/24 21:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				01/24/24 10:23	01/25/24 21:46	1
o-Terphenyl	111		70 - 130				01/24/24 10:23	01/25/24 21:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.2		4.95		mg/Kg			01/23/24 23:19	1

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

Lab Sample ID: 880-38284-3

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 09:51	01/25/24 03:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 09:51	01/25/24 03:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 09:51	01/25/24 03:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 09:51	01/25/24 03:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 09:51	01/25/24 03:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 09:51	01/25/24 03:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				01/23/24 09:51	01/25/24 03:32	1
1,4-Difluorobenzene (Surr)	71		70 - 130				01/23/24 09:51	01/25/24 03:32	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			01/25/24 03:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/25/24 22:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/24/24 10:23	01/25/24 22:06	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/24/24 10:23	01/25/24 22:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

Client Sample ID: H-3 (0-0.5')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38284-3
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/24/24 10:23	01/25/24 22:06	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	92		70 - 130				01/24/24 10:23	01/25/24 22:06	1	
o-Terphenyl	109		70 - 130				01/24/24 10:23	01/25/24 22:06	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	27.8		4.98		mg/Kg			01/23/24 23:25	1	

Client Sample ID: H-4 (0-0.5')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38284-4
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00199	U	0.00199		mg/Kg		01/23/24 09:51	01/25/24 03:52	1	
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 09:51	01/25/24 03:52	1	
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 09:51	01/25/24 03:52	1	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 09:51	01/25/24 03:52	1	
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 09:51	01/25/24 03:52	1	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 09:51	01/25/24 03:52	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	91		70 - 130				01/23/24 09:51	01/25/24 03:52	1	
1,4-Difluorobenzene (Surr)	73		70 - 130				01/23/24 09:51	01/25/24 03:52	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/25/24 03:52	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.5	U	50.5		mg/Kg			01/25/24 22:27	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/24/24 10:23	01/25/24 22:27	1	
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/24/24 10:23	01/25/24 22:27	1	
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/24/24 10:23	01/25/24 22:27	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	89		70 - 130				01/24/24 10:23	01/25/24 22:27	1	
o-Terphenyl	108		70 - 130				01/24/24 10:23	01/25/24 22:27	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	29.5		4.99		mg/Kg			01/23/24 23:30	1	

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-38284-5

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 09:51	01/25/24 04:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 09:51	01/25/24 04:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 09:51	01/25/24 04:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/23/24 09:51	01/25/24 04:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 09:51	01/25/24 04:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/23/24 09:51	01/25/24 04:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	01/23/24 09:51	01/25/24 04:13	1
1,4-Difluorobenzene (Surr)	80		70 - 130	01/23/24 09:51	01/25/24 04:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/25/24 04:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/25/24 22:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/24/24 10:23	01/25/24 22:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/24/24 10:23	01/25/24 22:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/24/24 10:23	01/25/24 22:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	01/24/24 10:23	01/25/24 22:48	1
o-Terphenyl	103		70 - 130	01/24/24 10:23	01/25/24 22:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.7		5.00		mg/Kg			01/23/24 23:35	1

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

Lab Sample ID: 880-38284-6

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 09:51	01/25/24 04:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/23/24 09:51	01/25/24 04:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/23/24 09:51	01/25/24 04:33	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/23/24 09:51	01/25/24 04:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/23/24 09:51	01/25/24 04:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/23/24 09:51	01/25/24 04:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	01/23/24 09:51	01/25/24 04:33	1
1,4-Difluorobenzene (Surr)	84		70 - 130	01/23/24 09:51	01/25/24 04:33	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-38284-6

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/25/24 04:33	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			01/25/24 23:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/24/24 10:23	01/25/24 23:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/24/24 10:23	01/25/24 23:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/24/24 10:23	01/25/24 23:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				01/24/24 10:23	01/25/24 23:09	1
o-Terphenyl	114		70 - 130				01/24/24 10:23	01/25/24 23:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.4		5.00		mg/Kg			01/23/24 23:50	1

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

Lab Sample ID: 880-38284-7

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 09:51	01/25/24 04:53	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/23/24 09:51	01/25/24 04:53	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/23/24 09:51	01/25/24 04:53	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/23/24 09:51	01/25/24 04:53	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/23/24 09:51	01/25/24 04:53	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/23/24 09:51	01/25/24 04:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				01/23/24 09:51	01/25/24 04:53	1
1,4-Difluorobenzene (Surr)	84		70 - 130				01/23/24 09:51	01/25/24 04:53	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			01/25/24 04:53	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			01/25/24 23:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/24/24 10:23	01/25/24 23:29	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/24/24 10:23	01/25/24 23:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

Client Sample ID: H-7 (0-0.5')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38284-7
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/24/24 10:23	01/25/24 23:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				01/24/24 10:23	01/25/24 23:29	1
o-Terphenyl	113		70 - 130				01/24/24 10:23	01/25/24 23:29	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	149		5.02		mg/Kg			01/23/24 23:55	1

Client Sample ID: H-8 (0-0.5')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38284-8
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/23/24 09:51	01/25/24 05:14	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/23/24 09:51	01/25/24 05:14	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/23/24 09:51	01/25/24 05:14	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/23/24 09:51	01/25/24 05:14	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/23/24 09:51	01/25/24 05:14	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/23/24 09:51	01/25/24 05:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				01/23/24 09:51	01/25/24 05:14	1
1,4-Difluorobenzene (Surr)	84		70 - 130				01/23/24 09:51	01/25/24 05:14	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			01/25/24 05:14	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			01/25/24 23:50	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		01/24/24 10:23	01/25/24 23:50	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/24/24 10:23	01/25/24 23:50	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/24/24 10:23	01/25/24 23:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				01/24/24 10:23	01/25/24 23:50	1
o-Terphenyl	113		70 - 130				01/24/24 10:23	01/25/24 23:50	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.0		5.01		mg/Kg			01/24/24 00:01	1

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-38284-9

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 09:51	01/25/24 05:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 09:51	01/25/24 05:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 09:51	01/25/24 05:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 09:51	01/25/24 05:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 09:51	01/25/24 05:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 09:51	01/25/24 05:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	01/23/24 09:51	01/25/24 05:34	1
1,4-Difluorobenzene (Surr)	83		70 - 130	01/23/24 09:51	01/25/24 05:34	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			01/25/24 05:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			01/26/24 00:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		01/24/24 10:23	01/26/24 00:10	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/24/24 10:23	01/26/24 00:10	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/24/24 10:23	01/26/24 00:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	01/24/24 10:23	01/26/24 00:10	1
o-Terphenyl	114		70 - 130	01/24/24 10:23	01/26/24 00:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.64		5.04		mg/Kg			01/25/24 23:14	1

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

Lab Sample ID: 880-38284-10

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/23/24 09:51	01/25/24 05:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/23/24 09:51	01/25/24 05:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/23/24 09:51	01/25/24 05:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/23/24 09:51	01/25/24 05:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/23/24 09:51	01/25/24 05:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/23/24 09:51	01/25/24 05:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	01/23/24 09:51	01/25/24 05:55	1
1,4-Difluorobenzene (Surr)	89		70 - 130	01/23/24 09:51	01/25/24 05:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-38284-10

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			01/25/24 05:55	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			01/26/24 00:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/24/24 10:23	01/26/24 00:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/24/24 10:23	01/26/24 00:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/24/24 10:23	01/26/24 00:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				01/24/24 10:23	01/26/24 00:30	1
o-Terphenyl	125		70 - 130				01/24/24 10:23	01/26/24 00:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.10		4.97		mg/Kg			01/25/24 23:19	1

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

Lab Sample ID: 880-38284-11

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/24/24 08:23	01/24/24 17:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/24/24 08:23	01/24/24 17:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/24 08:23	01/24/24 17:57	1
m-Xylene & p-Xylene	<0.00401	U **	0.00401		mg/Kg		01/24/24 08:23	01/24/24 17:57	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		01/24/24 08:23	01/24/24 17:57	1
Xylenes, Total	<0.00401	U **	0.00401		mg/Kg		01/24/24 08:23	01/24/24 17:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				01/24/24 08:23	01/24/24 17:57	1
1,4-Difluorobenzene (Surr)	114		70 - 130				01/24/24 08:23	01/24/24 17:57	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			01/24/24 17:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/26/24 01:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/24/24 10:23	01/26/24 01:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/24/24 10:23	01/26/24 01:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-38284-11

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/24/24 10:23	01/26/24 01:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				01/24/24 10:23	01/26/24 01:12	1
o-Terphenyl	119		70 - 130				01/24/24 10:23	01/26/24 01:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.81		4.99		mg/Kg			01/25/24 23:25	1

Client Sample ID: H-12 (0-0.5')

Lab Sample ID: 880-38284-12

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/24/24 08:23	01/24/24 18:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/24/24 08:23	01/24/24 18:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/24/24 08:23	01/24/24 18:17	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		01/24/24 08:23	01/24/24 18:17	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		01/24/24 08:23	01/24/24 18:17	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		01/24/24 08:23	01/24/24 18:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				01/24/24 08:23	01/24/24 18:17	1
1,4-Difluorobenzene (Surr)	117		70 - 130				01/24/24 08:23	01/24/24 18:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			01/24/24 18:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/26/24 01:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/24/24 10:23	01/26/24 01:33	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/24/24 10:23	01/26/24 01:33	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/24/24 10:23	01/26/24 01:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				01/24/24 10:23	01/26/24 01:33	1
o-Terphenyl	125		70 - 130				01/24/24 10:23	01/26/24 01:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.71		4.98		mg/Kg			01/25/24 23:42	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

Client Sample ID: H-13 (0-0.5')

Lab Sample ID: 880-38284-13

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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		01/24/24 08:23	01/24/24 18:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/24/24 08:23	01/24/24 18:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/24/24 08:23	01/24/24 18:38	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		01/24/24 08:23	01/24/24 18:38	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		01/24/24 08:23	01/24/24 18:38	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		01/24/24 08:23	01/24/24 18:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	01/24/24 08:23	01/24/24 18:38	1
1,4-Difluorobenzene (Surr)	112		70 - 130	01/24/24 08:23	01/24/24 18:38	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			01/24/24 18:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/26/24 01:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/24/24 10:23	01/26/24 01:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/24/24 10:23	01/26/24 01:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/24/24 10:23	01/26/24 01:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	01/24/24 10:23	01/26/24 01:55	1
o-Terphenyl	120		70 - 130	01/24/24 10:23	01/26/24 01:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.7		5.02		mg/Kg			01/25/24 23:48	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
880-38281-A-7-C MS	Matrix Spike	82	87				
880-38281-A-7-D MSD	Matrix Spike Duplicate	70	103				
880-38284-1	H-1 (0-0.5')	87	77				
880-38284-2	H-2 (0-0.5')	90	69 S1-				
880-38284-3	H-3 (0-0.5')	87	71				
880-38284-4	H-4 (0-0.5')	91	73				
880-38284-5	H-5 (0-0.5')	91	80				
880-38284-6	H-6 (0-0.5')	103	84				
880-38284-7	H-7 (0-0.5')	95	84				
880-38284-8	H-8 (0-0.5')	94	84				
880-38284-9	H-9 (0-0.5')	89	83				
880-38284-10	H-10 (0-0.5')	83	89				
880-38284-11	H-11 (0-0.5')	97	114				
880-38284-12	H-12 (0-0.5')	117	117				
880-38284-13	H-13 (0-0.5')	114	112				
880-38285-A-1-A MS	Matrix Spike	124	102				
880-38285-A-1-B MSD	Matrix Spike Duplicate	120	112				
LCS 880-71412/1-A	Lab Control Sample	126	102				
LCS 880-71414/1-A	Lab Control Sample	119	110				
LCS 880-71473/1-A	Lab Control Sample	115	107				
LCSD 880-71412/2-A	Lab Control Sample Dup	114	110				
LCSD 880-71414/2-A	Lab Control Sample Dup	119	100				
LCSD 880-71473/2-A	Lab Control Sample Dup	109	112				
MB 880-71410/5-A	Method Blank	69 S1-	95				
MB 880-71412/5-A	Method Blank	76	78				
MB 880-71473/5-A	Method Blank	126	128				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
880-38284-1	H-1 (0-0.5')	92	115				
880-38284-1 MS	H-1 (0-0.5')	111	113				
880-38284-1 MSD	H-1 (0-0.5')	100	103				
880-38284-2	H-2 (0-0.5')	90	111				
880-38284-3	H-3 (0-0.5')	92	109				
880-38284-4	H-4 (0-0.5')	89	108				
880-38284-5	H-5 (0-0.5')	85	103				
880-38284-6	H-6 (0-0.5')	91	114				
880-38284-7	H-7 (0-0.5')	93	113				
880-38284-8	H-8 (0-0.5')	93	113				
880-38284-9	H-9 (0-0.5')	92	114				
880-38284-10	H-10 (0-0.5')	103	125				
880-38284-11	H-11 (0-0.5')	103	119				

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-38284-1

Project/Site: Antero New Riser Spill

SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-38284-12	H-12 (0-0.5')	109	125
880-38284-13	H-13 (0-0.5')	102	120
LCS 880-71508/2-A	Lab Control Sample	90	121
LCSD 880-71508/3-A	Lab Control Sample Dup	88	115
MB 880-71508/1-A	Method Blank	95	126
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-71410/5-A

Matrix: Solid

Analysis Batch: 71472

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 71410

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/23/24 09:44	01/24/24 11:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 09:44	01/24/24 11:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 09:44	01/24/24 11:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/23/24 09:44	01/24/24 11:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 09:44	01/24/24 11:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/23/24 09:44	01/24/24 11:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130	01/23/24 09:44	01/24/24 11:14	1
1,4-Difluorobenzene (Surr)	95		70 - 130	01/23/24 09:44	01/24/24 11:14	1

Lab Sample ID: MB 880-71412/5-A

Matrix: Solid

Analysis Batch: 71472

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 71412

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/23/24 09:51	01/24/24 22:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 09:51	01/24/24 22:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 09:51	01/24/24 22:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/23/24 09:51	01/24/24 22:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 09:51	01/24/24 22:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/23/24 09:51	01/24/24 22:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	01/23/24 09:51	01/24/24 22:02	1
1,4-Difluorobenzene (Surr)	78		70 - 130	01/23/24 09:51	01/24/24 22:02	1

Lab Sample ID: LCS 880-71412/1-A

Matrix: Solid

Analysis Batch: 71472

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 71412

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09324		mg/Kg		93	70 - 130
Toluene	0.100	0.08320		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.08333		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	0.200	0.1725		mg/Kg		86	70 - 130
o-Xylene	0.100	0.09105		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-71412/2-A

Matrix: Solid

Analysis Batch: 71472

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 71412

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09227		mg/Kg		92	70 - 130	1	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-71412/2-A

Matrix: Solid

Analysis Batch: 71472

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 71412

Analyte	Spike		LCSD		Unit	D	%Rec	%Rec		RPD
	Added	Result	Qualifier	Limit				Limits	RPD	
Toluene	0.100	0.07614			mg/Kg		76	70 - 130	9	35
Ethylbenzene	0.100	0.08906			mg/Kg		89	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1861			mg/Kg		93	70 - 130	8	35
o-Xylene	0.100	0.1021			mg/Kg		102	70 - 130	11	35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-38281-A-7-C MS

Matrix: Solid

Analysis Batch: 71472

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 71412

Analyte	Sample		Spike	MS		Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD
Benzene	<0.00201	U F2 F1	0.0996	0.03433	F1	mg/Kg		34	70 - 130	
Toluene	<0.00201	U F2 F1	0.0996	0.01603	F1	mg/Kg		15	70 - 130	
Ethylbenzene	<0.00201	U F2 F1	0.0996	0.004321	F1	mg/Kg		4	70 - 130	
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.199	0.007226	F1	mg/Kg		4	70 - 130	
o-Xylene	0.00338	F2 F1	0.0996	0.03596	F1	mg/Kg		33	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	82		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: 880-38281-A-7-D MSD

Matrix: Solid

Analysis Batch: 71472

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 71412

Analyte	Sample		Spike	MSD		Unit	D	%Rec	%Rec		RPD
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	
Benzene	<0.00201	U F2 F1	0.0990	0.01412	F2 F1	mg/Kg		14	70 - 130	83	35
Toluene	<0.00201	U F2 F1	0.0990	0.006884	F2 F1	mg/Kg		6	70 - 130	80	35
Ethylbenzene	<0.00201	U F2 F1	0.0990	<0.00198	U F2 F1	mg/Kg		2	70 - 130	88	35
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.198	<0.00396	U F2 F1	mg/Kg		2	70 - 130	75	35
o-Xylene	0.00338	F2 F1	0.0990	0.01044	F2 F1	mg/Kg		7	70 - 130	110	35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	70		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCS 880-71414/1-A

Matrix: Solid

Analysis Batch: 71471

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 71414

Analyte	Spike		LCS		Unit	D	%Rec	%Rec	
	Added	Result	Qualifier	Limit				Limits	RPD
Benzene	0.100	0.08003			mg/Kg		80	70 - 130	
Toluene	0.100	0.06116	*-		mg/Kg		61	70 - 130	
Ethylbenzene	0.100	0.06867	*-		mg/Kg		69	70 - 130	
m-Xylene & p-Xylene	0.200	0.1455			mg/Kg		73	70 - 130	

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-71414/1-A
Matrix: Solid
Analysis Batch: 71471

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71414

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.07596		mg/Kg		76	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	119		70 - 130				
1,4-Difluorobenzene (Surr)	110		70 - 130				

Lab Sample ID: LCSD 880-71414/2-A
Matrix: Solid
Analysis Batch: 71471

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71414

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09285		mg/Kg		93	70 - 130	15	35
Toluene	0.100	0.07920		mg/Kg		79	70 - 130	26	35
Ethylbenzene	0.100	0.09010		mg/Kg		90	70 - 130	27	35
m-Xylene & p-Xylene	0.200	0.1930		mg/Kg		96	70 - 130	28	35
o-Xylene	0.100	0.09659		mg/Kg		97	70 - 130	24	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	119		70 - 130						
1,4-Difluorobenzene (Surr)	100		70 - 130						

Lab Sample ID: 880-38285-A-1-A MS
Matrix: Solid
Analysis Batch: 71471

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 71414

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.1206		mg/Kg		120	70 - 130
Toluene	<0.00199	U *	0.0996	0.1017		mg/Kg		101	70 - 130
Ethylbenzene	<0.00199	U *	0.0996	0.1094		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.199	0.2392		mg/Kg		120	70 - 130
o-Xylene	<0.00199	U	0.0996	0.1154		mg/Kg		115	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	124		70 - 130						
1,4-Difluorobenzene (Surr)	102		70 - 130						

Lab Sample ID: 880-38285-A-1-B MSD
Matrix: Solid
Analysis Batch: 71471

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 71414

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00199	U	0.0990	0.1253		mg/Kg		126	70 - 130	4	35
Toluene	<0.00199	U *	0.0990	0.09904		mg/Kg		99	70 - 130	3	35
Ethylbenzene	<0.00199	U *	0.0990	0.1027		mg/Kg		104	70 - 130	6	35
m-Xylene & p-Xylene	<0.00398	U	0.198	0.2134		mg/Kg		108	70 - 130	11	35
o-Xylene	<0.00199	U	0.0990	0.1158		mg/Kg		116	70 - 130	0	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-38285-A-1-B MSD
Matrix: Solid
Analysis Batch: 71471

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 71414

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: MB 880-71473/5-A
Matrix: Solid
Analysis Batch: 71471

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71473

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/24/24 08:23	01/24/24 12:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/24/24 08:23	01/24/24 12:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/24 08:23	01/24/24 12:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/24/24 08:23	01/24/24 12:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/24/24 08:23	01/24/24 12:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/24/24 08:23	01/24/24 12:34	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				01/24/24 08:23	01/24/24 12:34	1
1,4-Difluorobenzene (Surr)	128		70 - 130				01/24/24 08:23	01/24/24 12:34	1

Lab Sample ID: LCS 880-71473/1-A
Matrix: Solid
Analysis Batch: 71471

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71473

Analyte	Spike	LCS	LCS					%Rec	
	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	0.100	0.1402	*+	mg/Kg		140	70 - 130		
Toluene	0.100	0.1164		mg/Kg		116	70 - 130		
Ethylbenzene	0.100	0.1242		mg/Kg		124	70 - 130		
m-Xylene & p-Xylene	0.200	0.2735	*+	mg/Kg		137	70 - 130		
o-Xylene	0.100	0.1359	*+	mg/Kg		136	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-71473/2-A
Matrix: Solid
Analysis Batch: 71471

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71473

Analyte	Spike	LCSD	LCSD					%Rec		RPD
	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1441	*+	mg/Kg		144	70 - 130	3	35	
Toluene	0.100	0.1074		mg/Kg		107	70 - 130	8	35	
Ethylbenzene	0.100	0.1136		mg/Kg		114	70 - 130	9	35	
m-Xylene & p-Xylene	0.200	0.2524		mg/Kg		126	70 - 130	8	35	
o-Xylene	0.100	0.1292		mg/Kg		129	70 - 130	5	35	

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-71473/2-A
Matrix: Solid
Analysis Batch: 71471

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71473

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

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

Lab Sample ID: MB 880-71508/1-A
Matrix: Solid
Analysis Batch: 71548

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71508

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/24/24 10:23	01/25/24 19:43	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/24/24 10:23	01/25/24 19:43	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/24/24 10:23	01/25/24 19:43	1	
Surrogate	MB	MB					Prepared	Analyzed	Dil	Fac
	%Recovery	Qualifier	Limits							
1-Chlorooctane	95		70 - 130				01/24/24 10:23	01/25/24 19:43	1	
o-Terphenyl	126		70 - 130				01/24/24 10:23	01/25/24 19:43	1	

Lab Sample ID: LCS 880-71508/2-A
Matrix: Solid
Analysis Batch: 71548

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71508

Analyte			Spike	LCS	LCS				%Rec	
			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10			1000	932.8		mg/Kg		93	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	1030		mg/Kg		103	70 - 130	
Surrogate	LCS	LCS								
	%Recovery	Qualifier	Limits							
1-Chlorooctane	90		70 - 130							
o-Terphenyl	121		70 - 130							

Lab Sample ID: LCSD 880-71508/3-A
Matrix: Solid
Analysis Batch: 71548

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71508

Analyte			Spike	LCSD	LCSD				%Rec		RPD	
			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	1006		mg/Kg		101	70 - 130	8	20	
Diesel Range Organics (Over C10-C28)			1000	1085		mg/Kg		108	70 - 130	5	20	
Surrogate	LCSD	LCSD										
	%Recovery	Qualifier	Limits									
1-Chlorooctane	88		70 - 130									
o-Terphenyl	115		70 - 130									

QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-38284-1 MS

Matrix: Solid

Analysis Batch: 71548

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

Prep Type: Total/NA

Prep Batch: 71508

[illegible]

Lab Sample ID: 880-38284-1 MSD

Matrix: Solid

Analysis Batch: 71548

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

Prep Type: Total/NA

Prep Batch: 71508

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	997	866.0		mg/Kg		87	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	<50.1	U	997	1142		mg/Kg		115	70 - 130	10	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	100		70 - 130								
o-Terphenyl	103		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-71422/1-A

Matrix: Solid

Analysis Batch: 71457

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<5.00	U	5.00		mg/Kg			01/23/24 22:49	1

Lab Sample ID: LCS 880-71422/2-A

Matrix: Solid

Analysis Batch: 71457

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec
							Limits
Chloride	250	241.3		ma/Kq		97	90 - 110

Lab Sample ID: LCSD 880-71422/3-A

Matrix: Solid

Analysis Batch: 71457

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limits
Chloride	250	245.0		mg/Kg	-	98	90 - 110	1	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-38284-1 MS

Matrix: Solid

Analysis Batch: 71457

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	25.1		248	261.1		mg/Kg		95	90 - 110

Lab Sample ID: 880-38284-1 MSD

Matrix: Solid

Analysis Batch: 71457

Client Sample ID: H-1 (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	25.1		248	266.1		mg/Kg		97	90 - 110	2	20

Lab Sample ID: MB 880-71418/1-A

Matrix: Solid

Analysis Batch: 71598

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			01/25/24 19:52	1

Lab Sample ID: LCS 880-71418/2-A

Matrix: Solid

Analysis Batch: 71598

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.1		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-71418/3-A

Matrix: Solid

Analysis Batch: 71598

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	250.5		mg/Kg		100	90 - 110	3	20

Lab Sample ID: 880-38252-A-1-B MS

Matrix: Solid

Analysis Batch: 71598

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	2040	F1	1250	3519	F1	mg/Kg		118	90 - 110

Lab Sample ID: 880-38252-A-1-C MSD

Matrix: Solid

Analysis Batch: 71598

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	2040	F1	1250	3559	F1	mg/Kg		122	90 - 110	1	20

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QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 71410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-71410/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 71412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38284-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-38284-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-38284-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-38284-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-38284-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-38284-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-38284-7	H-7 (0-0.5')	Total/NA	Solid	5035	
880-38284-8	H-8 (0-0.5')	Total/NA	Solid	5035	
880-38284-9	H-9 (0-0.5')	Total/NA	Solid	5035	
880-38284-10	H-10 (0-0.5')	Total/NA	Solid	5035	
MB 880-71412/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71412/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71412/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-38281-A-7-C MS	Matrix Spike	Total/NA	Solid	5035	
880-38281-A-7-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 71414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-71414/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71414/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-38285-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-38285-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 71471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38284-11	H-11 (0-0.5')	Total/NA	Solid	8021B	71473
880-38284-12	H-12 (0-0.5')	Total/NA	Solid	8021B	71473
880-38284-13	H-13 (0-0.5')	Total/NA	Solid	8021B	71473
MB 880-71473/5-A	Method Blank	Total/NA	Solid	8021B	71473
LCS 880-71414/1-A	Lab Control Sample	Total/NA	Solid	8021B	71414
LCS 880-71473/1-A	Lab Control Sample	Total/NA	Solid	8021B	71473
LCSD 880-71414/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71414
LCSD 880-71473/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71473
880-38285-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	71414
880-38285-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	71414

Analysis Batch: 71472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38284-1	H-1 (0-0.5')	Total/NA	Solid	8021B	71412
880-38284-2	H-2 (0-0.5')	Total/NA	Solid	8021B	71412
880-38284-3	H-3 (0-0.5')	Total/NA	Solid	8021B	71412
880-38284-4	H-4 (0-0.5')	Total/NA	Solid	8021B	71412
880-38284-5	H-5 (0-0.5')	Total/NA	Solid	8021B	71412
880-38284-6	H-6 (0-0.5')	Total/NA	Solid	8021B	71412
880-38284-7	H-7 (0-0.5')	Total/NA	Solid	8021B	71412
880-38284-8	H-8 (0-0.5')	Total/NA	Solid	8021B	71412
880-38284-9	H-9 (0-0.5')	Total/NA	Solid	8021B	71412

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QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 71472 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38284-10	H-10 (0-0.5')	Total/NA	Solid	8021B	71412
MB 880-71410/5-A	Method Blank	Total/NA	Solid	8021B	71410
MB 880-71412/5-A	Method Blank	Total/NA	Solid	8021B	71412
LCS 880-71412/1-A	Lab Control Sample	Total/NA	Solid	8021B	71412
LCSD 880-71412/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71412
880-38281-A-7-C MS	Matrix Spike	Total/NA	Solid	8021B	71412
880-38281-A-7-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	71412

Prep Batch: 71473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38284-11	H-11 (0-0.5')	Total/NA	Solid	5035	
880-38284-12	H-12 (0-0.5')	Total/NA	Solid	5035	
880-38284-13	H-13 (0-0.5')	Total/NA	Solid	5035	
MB 880-71473/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71473/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71473/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 71650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38284-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-38284-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-38284-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-38284-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-38284-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-38284-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-38284-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-38284-8	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	
880-38284-9	H-9 (0-0.5')	Total/NA	Solid	Total BTEX	
880-38284-10	H-10 (0-0.5')	Total/NA	Solid	Total BTEX	
880-38284-11	H-11 (0-0.5')	Total/NA	Solid	Total BTEX	
880-38284-12	H-12 (0-0.5')	Total/NA	Solid	Total BTEX	
880-38284-13	H-13 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 71508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38284-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-38284-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-38284-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-38284-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-38284-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-38284-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-38284-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-38284-8	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-38284-9	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-38284-10	H-10 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-38284-11	H-11 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-38284-12	H-12 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-38284-13	H-13 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-71508/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 71508 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-71508/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-71508/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-38284-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-38284-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 71548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38284-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	71508
880-38284-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	71508
880-38284-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	71508
880-38284-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	71508
880-38284-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	71508
880-38284-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	71508
880-38284-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	71508
880-38284-8	H-8 (0-0.5')	Total/NA	Solid	8015B NM	71508
880-38284-9	H-9 (0-0.5')	Total/NA	Solid	8015B NM	71508
880-38284-10	H-10 (0-0.5')	Total/NA	Solid	8015B NM	71508
880-38284-11	H-11 (0-0.5')	Total/NA	Solid	8015B NM	71508
880-38284-12	H-12 (0-0.5')	Total/NA	Solid	8015B NM	71508
880-38284-13	H-13 (0-0.5')	Total/NA	Solid	8015B NM	71508
MB 880-71508/1-A	Method Blank	Total/NA	Solid	8015B NM	71508
LCS 880-71508/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	71508
LCSD 880-71508/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	71508
880-38284-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015B NM	71508
880-38284-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015B NM	71508

Analysis Batch: 71666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38284-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-38284-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-38284-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-38284-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-38284-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-38284-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-38284-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-38284-8	H-8 (0-0.5')	Total/NA	Solid	8015 NM	
880-38284-9	H-9 (0-0.5')	Total/NA	Solid	8015 NM	
880-38284-10	H-10 (0-0.5')	Total/NA	Solid	8015 NM	
880-38284-11	H-11 (0-0.5')	Total/NA	Solid	8015 NM	
880-38284-12	H-12 (0-0.5')	Total/NA	Solid	8015 NM	
880-38284-13	H-13 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 71418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38284-9	H-9 (0-0.5')	Soluble	Solid	DI Leach	
880-38284-10	H-10 (0-0.5')	Soluble	Solid	DI Leach	
880-38284-11	H-11 (0-0.5')	Soluble	Solid	DI Leach	
880-38284-12	H-12 (0-0.5')	Soluble	Solid	DI Leach	
880-38284-13	H-13 (0-0.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 71418 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-71418/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-71418/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-71418/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-38252-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-38252-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 71422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38284-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-38284-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-38284-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-38284-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-38284-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-38284-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-38284-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-38284-8	H-8 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-71422/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-71422/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-71422/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-38284-1 MS	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-38284-1 MSD	H-1 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 71457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38284-1	H-1 (0-0.5')	Soluble	Solid	300.0	71422
880-38284-2	H-2 (0-0.5')	Soluble	Solid	300.0	71422
880-38284-3	H-3 (0-0.5')	Soluble	Solid	300.0	71422
880-38284-4	H-4 (0-0.5')	Soluble	Solid	300.0	71422
880-38284-5	H-5 (0-0.5')	Soluble	Solid	300.0	71422
880-38284-6	H-6 (0-0.5')	Soluble	Solid	300.0	71422
880-38284-7	H-7 (0-0.5')	Soluble	Solid	300.0	71422
880-38284-8	H-8 (0-0.5')	Soluble	Solid	300.0	71422
MB 880-71422/1-A	Method Blank	Soluble	Solid	300.0	71422
LCS 880-71422/2-A	Lab Control Sample	Soluble	Solid	300.0	71422
LCSD 880-71422/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	71422
880-38284-1 MS	H-1 (0-0.5')	Soluble	Solid	300.0	71422
880-38284-1 MSD	H-1 (0-0.5')	Soluble	Solid	300.0	71422

Analysis Batch: 71598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38284-9	H-9 (0-0.5')	Soluble	Solid	300.0	71418
880-38284-10	H-10 (0-0.5')	Soluble	Solid	300.0	71418
880-38284-11	H-11 (0-0.5')	Soluble	Solid	300.0	71418
880-38284-12	H-12 (0-0.5')	Soluble	Solid	300.0	71418
880-38284-13	H-13 (0-0.5')	Soluble	Solid	300.0	71418
MB 880-71418/1-A	Method Blank	Soluble	Solid	300.0	71418
LCS 880-71418/2-A	Lab Control Sample	Soluble	Solid	300.0	71418
LCSD 880-71418/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	71418
880-38252-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	71418
880-38252-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	71418

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-38284-1

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71412	01/23/24 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71472	01/25/24 02:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71650	01/25/24 02:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			71666	01/25/24 20:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	71508	01/24/24 10:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 20:43	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	71422	01/23/24 10:33	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	71457	01/23/24 23:04	SMC	EET MID

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

Lab Sample ID: 880-38284-2

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71412	01/23/24 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71472	01/25/24 03:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71650	01/25/24 03:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			71666	01/25/24 21:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	71508	01/24/24 10:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 21:46	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	71422	01/23/24 10:33	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	71457	01/23/24 23:19	SMC	EET MID

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

Lab Sample ID: 880-38284-3

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71412	01/23/24 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71472	01/25/24 03:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71650	01/25/24 03:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			71666	01/25/24 22:06	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	71508	01/24/24 10:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 22:06	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	71422	01/23/24 10:33	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	71457	01/23/24 23:25	SMC	EET MID

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

Lab Sample ID: 880-38284-4

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71412	01/23/24 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71472	01/25/24 03:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71650	01/25/24 03:52	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-38284-4

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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			71666	01/25/24 22:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	71508	01/24/24 10:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 22:27	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	71422	01/23/24 10:33	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	71457	01/23/24 23:30	SMC	EET MID

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

Lab Sample ID: 880-38284-5

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71412	01/23/24 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71472	01/25/24 04:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71650	01/25/24 04:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			71666	01/25/24 22:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	71508	01/24/24 10:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 22:48	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	71422	01/23/24 10:33	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	71457	01/23/24 23:35	SMC	EET MID

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

Lab Sample ID: 880-38284-6

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71412	01/23/24 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71472	01/25/24 04:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71650	01/25/24 04:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			71666	01/25/24 23:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	71508	01/24/24 10:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 23:09	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	71422	01/23/24 10:33	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	71457	01/23/24 23:50	SMC	EET MID

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

Lab Sample ID: 880-38284-7

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71412	01/23/24 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71472	01/25/24 04:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71650	01/25/24 04:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			71666	01/25/24 23:29	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	71508	01/24/24 10:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 23:29	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-38284-7

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	71422	01/23/24 10:33	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	71457	01/23/24 23:55	SMC	EET MID

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

Lab Sample ID: 880-38284-8

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71412	01/23/24 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71472	01/25/24 05:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71650	01/25/24 05:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			71666	01/25/24 23:50	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	71508	01/24/24 10:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/25/24 23:50	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	71422	01/23/24 10:33	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	71457	01/24/24 00:01	SMC	EET MID

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

Lab Sample ID: 880-38284-9

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71412	01/23/24 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71472	01/25/24 05:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71650	01/25/24 05:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			71666	01/26/24 00:10	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	71508	01/24/24 10:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/26/24 00:10	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	71418	01/23/24 10:28	SMC	EET MID
Soluble	Analysis	300.0		1			71598	01/25/24 23:14	CH	EET MID

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

Lab Sample ID: 880-38284-10

Date Collected: 01/18/24 00:00

Matrix: Solid

Date Received: 01/22/24 16:45

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	71412	01/23/24 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71472	01/25/24 05:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71650	01/25/24 05:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			71666	01/26/24 00:30	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	71508	01/24/24 10:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/26/24 00:30	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	71418	01/23/24 10:28	SMC	EET MID
Soluble	Analysis	300.0		1			71598	01/25/24 23:19	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

Client Sample ID: H-11 (0-0.5')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38284-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	71473	01/24/24 08:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71471	01/24/24 17:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71650	01/24/24 17:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			71666	01/26/24 01:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	71508	01/24/24 10:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/26/24 01:12	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	71418	01/23/24 10:28	SMC	EET MID
Soluble	Analysis	300.0		1			71598	01/25/24 23:25	CH	EET MID

Client Sample ID: H-12 (0-0.5')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38284-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	71473	01/24/24 08:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71471	01/24/24 18:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71650	01/24/24 18:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			71666	01/26/24 01:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	71508	01/24/24 10:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/26/24 01:33	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	71418	01/23/24 10:28	SMC	EET MID
Soluble	Analysis	300.0		1			71598	01/25/24 23:42	CH	EET MID

Client Sample ID: H-13 (0-0.5')
Date Collected: 01/18/24 00:00
Date Received: 01/22/24 16:45

Lab Sample ID: 880-38284-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	71473	01/24/24 08:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71471	01/24/24 18:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71650	01/24/24 18:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			71666	01/26/24 01:55	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	71508	01/24/24 10:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71548	01/26/24 01:55	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	71418	01/23/24 10:28	SMC	EET MID
Soluble	Analysis	300.0		1			71598	01/25/24 23:48	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: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	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: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-38284-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-38284-1	H-1 (0-0.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38284-2	H-2 (0-0.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38284-3	H-3 (0-0.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38284-4	H-4 (0-0.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38284-5	H-5 (0-0.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38284-6	H-6 (0-0.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38284-7	H-7 (0-0.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38284-8	H-8 (0-0.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38284-9	H-9 (0-0.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38284-10	H-10 (0-0.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38284-11	H-11 (0-0.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38284-12	H-12 (0-0.5')	Solid	01/18/24 00:00	01/22/24 16:45
880-38284-13	H-13 (0-0.5')	Solid	01/18/24 00:00	01/22/24 16:45

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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	
Project Name:		Antero New Riser Spill		Turn Around		ANALYSIS REQUEST	
Project Number:		2223		☐ Routine ☒ Rush		Pres. Code	
Project Location:		Lea County, New Mexico		Due Date:		72 Hours	
Sampler's Name:		JR/IR					
PO #:							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice: Yes No	
Received intact:		Yes No		Thermometer ID:		Yes No	
Cooler Custody Seals:		Yes No		Correction Factor:		Yes No	
Sample Custody Seals:		Yes No		Temperature Reading:		Yes No	
Total Containers:		Corrected Temperature:					
Sample Identification		Date		Time		Soil	
H-1 (0-0.5')		1/18/2024				X	
H-2 (0-0.5')		1/18/2024				X	
H-3 (0-0.5')		1/18/2024				X	
H-4 (0-0.5')		1/18/2024				X	
H-5 (0-0.5')		1/18/2024				X	
H-6 (0-0.5')		1/18/2024				X	
H-7 (0-0.5')		1/18/2024				X	
H-8 (0-0.5')		1/18/2024				X	
H-9 (0-0.5')		1/18/2024				X	
H-10 (0-0.5')		1/18/2024				X	
Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com							
Relinquished by (Signature)		Date/Time		Received by (Signature)		Date/Time	
		1/22/24				1045	



880-38284 Chain of Custody

Work Order Comments	
Program: UST/PT	☐ PRP ☐ Brownfields ☐ RC ☐ Spill
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV
Deliverables	EDD ☐ ADAPT ☐ Other

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:	432-813-6623	Email	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ perfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables EDD ☐ ADAPT ☐ Other ☐

Work Order No.: _____

Loc: 880

38284

1/26/2024

[illegible]

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	1/22/24 1045		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-38284-1

SDG Number: Lea County, New Mexico

Login Number: 38284

List Number: 1

List Source: Eurofins Midland

Creator: Rodriguez, Leticia

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	



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 6/27/2024 4:17:38 PM

JOB DESCRIPTION

Antero new Riser Spill
Lea County, New Mexico

JOB NUMBER

880-45309-1

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
6/27/2024 4:17:38 PM

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

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Laboratory Job ID: 880-45309-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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
SQL	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)

Definitions/Glossary

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

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Case Narrative

Client: Carmona Resources
Project: Antero new Riser Spill

Job ID: 880-45309-1

Job ID: 880-45309-1

Eurofins Midland

Job Narrative
880-45309-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The samples were received on 6/26/2024 4:56 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.2°C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-84249 and analytical batch 880-84260 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 8021B: The laboratory control sample (LCS) associated with preparation batch 880-84269 and analytical batch 880-83904 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-6 (1.5') (880-45309-22) and (MB 880-84269/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-84161 recovered above the upper control limit for Benzene and o-Xylene. The samples associated with this CCV were non-detects for the affected analytes and were ran within 12 hours of passing CCV; therefore, the data have been reported. The associated sample is impacted: (CCV 880-84161/33).

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-84312 and analytical batch 880-84308 was outside the upper control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-84259 and analytical batch 880-84305 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 8021B: The laboratory control sample (LCS) associated with preparation batch 880-84312 and analytical batch 880-84308 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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

Diesel Range Organics

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-84268 and analytical batch 880-84155 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-15 (2.5') (880-45309-15),

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Case Narrative

Client: Carmona Resources
Project: Antero new Riser Spill

Job ID: 880-45309-1

Job ID: 880-45309-1 (Continued) **Eurofins Midland**

SW-2 (2') (880-45309-18) and (MB 880-84268/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-84266 and analytical batch 880-84152 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-13 (2.5') (880-45309-29) and (MB 880-84266/1-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1 (2')

Lab Sample ID: 880-45309-1

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/26/24 16:24	06/26/24 22:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/26/24 16:24	06/26/24 22:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/26/24 16:24	06/26/24 22:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/26/24 16:24	06/26/24 22:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/26/24 16:24	06/26/24 22:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/26/24 16:24	06/26/24 22:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	06/26/24 16:24	06/26/24 22:53	1
1,4-Difluorobenzene (Surr)	86		70 - 130	06/26/24 16:24	06/26/24 22:53	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			06/26/24 22:53	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			06/26/24 21:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/26/24 16:36	06/26/24 21:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/26/24 16:36	06/26/24 21:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/26/24 16:36	06/26/24 21:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	06/26/24 16:36	06/26/24 21:31	1
o-Terphenyl	104		70 - 130	06/26/24 16:36	06/26/24 21:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.1		4.96		mg/Kg			06/27/24 08:20	1

Client Sample ID: CS-2 (2')

Lab Sample ID: 880-45309-2

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/26/24 16:24	06/26/24 23:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/26/24 16:24	06/26/24 23:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/26/24 16:24	06/26/24 23:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/26/24 16:24	06/26/24 23:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/26/24 16:24	06/26/24 23:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/26/24 16:24	06/26/24 23:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	06/26/24 16:24	06/26/24 23:13	1
1,4-Difluorobenzene (Surr)	90		70 - 130	06/26/24 16:24	06/26/24 23:13	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: CS-2 (2')

Lab Sample ID: 880-45309-2

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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			06/26/24 23:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/26/24 21:52	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		06/26/24 16:36	06/26/24 21:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/26/24 16:36	06/26/24 21:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/26/24 16:36	06/26/24 21:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				06/26/24 16:36	06/26/24 21:52	1
o-Terphenyl	105		70 - 130				06/26/24 16:36	06/26/24 21:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		4.96		mg/Kg			06/27/24 08:36	1

Client Sample ID: CS-3 (1.5')

Lab Sample ID: 880-45309-3

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/26/24 16:24	06/26/24 23:33	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/26/24 16:24	06/26/24 23:33	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/26/24 16:24	06/26/24 23:33	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/26/24 16:24	06/26/24 23:33	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/26/24 16:24	06/26/24 23:33	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/26/24 16:24	06/26/24 23:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				06/26/24 16:24	06/26/24 23:33	1
1,4-Difluorobenzene (Surr)	89		70 - 130				06/26/24 16:24	06/26/24 23:33	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			06/26/24 23:33	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			06/26/24 22:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		06/26/24 16:36	06/26/24 22:12	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		06/26/24 16:36	06/26/24 22:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: CS-3 (1.5')

Lab Sample ID: 880-45309-3

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/26/24 16:36	06/26/24 22:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				06/26/24 16:36	06/26/24 22:12	1
o-Terphenyl	106		70 - 130				06/26/24 16:36	06/26/24 22:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.6		4.98		mg/Kg			06/27/24 08:41	1

Client Sample ID: CS-4 (1.5')

Lab Sample ID: 880-45309-4

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/26/24 16:24	06/26/24 23:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/26/24 16:24	06/26/24 23:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/26/24 16:24	06/26/24 23:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/26/24 16:24	06/26/24 23:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/26/24 16:24	06/26/24 23:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/26/24 16:24	06/26/24 23:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				06/26/24 16:24	06/26/24 23:54	1
1,4-Difluorobenzene (Surr)	89		70 - 130				06/26/24 16:24	06/26/24 23:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/26/24 23:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/26/24 22:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/26/24 16:36	06/26/24 22:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/26/24 16:36	06/26/24 22:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/26/24 16:36	06/26/24 22:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				06/26/24 16:36	06/26/24 22:33	1
o-Terphenyl	105		70 - 130				06/26/24 16:36	06/26/24 22:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.1		4.96		mg/Kg			06/27/24 08:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: CS-5 (1.5')

Lab Sample ID: 880-45309-5

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/26/24 16:24	06/27/24 00:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/26/24 16:24	06/27/24 00:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/26/24 16:24	06/27/24 00:14	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/26/24 16:24	06/27/24 00:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/26/24 16:24	06/27/24 00:14	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/26/24 16:24	06/27/24 00:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/26/24 16:24	06/27/24 00:14	1
1,4-Difluorobenzene (Surr)	88		70 - 130	06/26/24 16:24	06/27/24 00:14	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			06/27/24 00:14	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			06/26/24 22:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/26/24 16:36	06/26/24 22:53	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/26/24 16:36	06/26/24 22:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/26/24 16:36	06/26/24 22:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	06/26/24 16:36	06/26/24 22:53	1
o-Terphenyl	108		70 - 130	06/26/24 16:36	06/26/24 22:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.1		4.97		mg/Kg			06/27/24 08:51	1

Client Sample ID: CS-6 (4.5')

Lab Sample ID: 880-45309-6

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/26/24 16:24	06/27/24 00:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/26/24 16:24	06/27/24 00:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/26/24 16:24	06/27/24 00:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/26/24 16:24	06/27/24 00:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/26/24 16:24	06/27/24 00:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/26/24 16:24	06/27/24 00:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	06/26/24 16:24	06/27/24 00:35	1
1,4-Difluorobenzene (Surr)	90		70 - 130	06/26/24 16:24	06/27/24 00:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: CS-6 (4.5')

Lab Sample ID: 880-45309-6

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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			06/27/24 00:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/26/24 23:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/26/24 16:36	06/26/24 23:14	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/26/24 16:36	06/26/24 23:14	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/26/24 16:36	06/26/24 23:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				06/26/24 16:36	06/26/24 23:14	1
o-Terphenyl	103		70 - 130				06/26/24 16:36	06/26/24 23:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.6		5.00		mg/Kg			06/27/24 09:06	1

Client Sample ID: CS-7 (4.5')

Lab Sample ID: 880-45309-7

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/26/24 16:24	06/27/24 00:55	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/26/24 16:24	06/27/24 00:55	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/26/24 16:24	06/27/24 00:55	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/26/24 16:24	06/27/24 00:55	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/26/24 16:24	06/27/24 00:55	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/26/24 16:24	06/27/24 00:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/26/24 16:24	06/27/24 00:55	1
1,4-Difluorobenzene (Surr)	90		70 - 130				06/26/24 16:24	06/27/24 00:55	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			06/27/24 00:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/26/24 23:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/26/24 16:36	06/26/24 23:34	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/26/24 16:36	06/26/24 23:34	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: CS-7 (4.5')

Lab Sample ID: 880-45309-7

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/26/24 16:36	06/26/24 23:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				06/26/24 16:36	06/26/24 23:34	1
o-Terphenyl	104		70 - 130				06/26/24 16:36	06/26/24 23:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.9		5.02		mg/Kg			06/27/24 09:11	1

Client Sample ID: CS-8 (4.5')

Lab Sample ID: 880-45309-8

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/26/24 16:24	06/27/24 01:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/26/24 16:24	06/27/24 01:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/26/24 16:24	06/27/24 01:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/26/24 16:24	06/27/24 01:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/26/24 16:24	06/27/24 01:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/26/24 16:24	06/27/24 01:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				06/26/24 16:24	06/27/24 01:16	1
1,4-Difluorobenzene (Surr)	88		70 - 130				06/26/24 16:24	06/27/24 01:16	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			06/27/24 01:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/26/24 23:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/26/24 16:36	06/26/24 23:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/26/24 16:36	06/26/24 23:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/26/24 16:36	06/26/24 23:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				06/26/24 16:36	06/26/24 23:54	1
o-Terphenyl	103		70 - 130				06/26/24 16:36	06/26/24 23:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.4		5.03		mg/Kg			06/27/24 09:16	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: CS-9 (4.5')

Lab Sample ID: 880-45309-9

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/26/24 16:24	06/27/24 01:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/26/24 16:24	06/27/24 01:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/26/24 16:24	06/27/24 01:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/26/24 16:24	06/27/24 01:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/26/24 16:24	06/27/24 01:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/26/24 16:24	06/27/24 01:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/26/24 16:24	06/27/24 01:36	1
1,4-Difluorobenzene (Surr)	89		70 - 130	06/26/24 16:24	06/27/24 01:36	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			06/27/24 01:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/27/24 00:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/26/24 16:36	06/27/24 00:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/26/24 16:36	06/27/24 00:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/26/24 16:36	06/27/24 00:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	06/26/24 16:36	06/27/24 00:15	1
o-Terphenyl	107		70 - 130	06/26/24 16:36	06/27/24 00:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.9		5.05		mg/Kg			06/27/24 09:21	1

Client Sample ID: CS-10 (4.5')

Lab Sample ID: 880-45309-10

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/26/24 16:24	06/27/24 01:56	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/26/24 16:24	06/27/24 01:56	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/26/24 16:24	06/27/24 01:56	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/26/24 16:24	06/27/24 01:56	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/26/24 16:24	06/27/24 01:56	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/26/24 16:24	06/27/24 01:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	06/26/24 16:24	06/27/24 01:56	1
1,4-Difluorobenzene (Surr)	90		70 - 130	06/26/24 16:24	06/27/24 01:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: CS-10 (4.5')
Date Collected: 06/26/24 00:00
Date Received: 06/26/24 16:56

Lab Sample ID: 880-45309-10
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00403	U	0.00403		mg/Kg			06/27/24 01:56	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.0	U	50.0		mg/Kg			06/27/24 00:55	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/26/24 16:36	06/27/24 00:55	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/26/24 16:36	06/27/24 00:55	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/26/24 16:36	06/27/24 00:55	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	89		70 - 130				06/26/24 16:36	06/27/24 00:55	1	
o-Terphenyl	105		70 - 130				06/26/24 16:36	06/27/24 00:55	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	30.1		4.98		mg/Kg			06/27/24 09:26	1	

Client Sample ID: CS-11 (4.5')
Date Collected: 06/26/24 00:00
Date Received: 06/26/24 16:56

Lab Sample ID: 880-45309-11
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00202	U	0.00202		mg/Kg		06/26/24 16:24	06/27/24 03:19	1	
Toluene	<0.00202	U	0.00202		mg/Kg		06/26/24 16:24	06/27/24 03:19	1	
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/26/24 16:24	06/27/24 03:19	1	
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/26/24 16:24	06/27/24 03:19	1	
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/26/24 16:24	06/27/24 03:19	1	
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/26/24 16:24	06/27/24 03:19	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	108		70 - 130				06/26/24 16:24	06/27/24 03:19	1	
1,4-Difluorobenzene (Surr)	92		70 - 130				06/26/24 16:24	06/27/24 03:19	1	
Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00404	U	0.00404		mg/Kg			06/27/24 03:19	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.0	U	50.0		mg/Kg			06/27/24 01:16	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/26/24 16:36	06/27/24 01:16	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/26/24 16:36	06/27/24 01:16	1	

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: CS-11 (4.5')

Lab Sample ID: 880-45309-11

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/26/24 16:36	06/27/24 01:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				06/26/24 16:36	06/27/24 01:16	1
o-Terphenyl	115		70 - 130				06/26/24 16:36	06/27/24 01:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.1		5.02		mg/Kg			06/27/24 09:31	1

Client Sample ID: CS-12 (4.5')

Lab Sample ID: 880-45309-12

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/27/24 08:22	06/27/24 11:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/27/24 08:22	06/27/24 11:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/27/24 08:22	06/27/24 11:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/27/24 08:22	06/27/24 11:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/27/24 08:22	06/27/24 11:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/27/24 08:22	06/27/24 11:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				06/27/24 08:22	06/27/24 11:55	1
1,4-Difluorobenzene (Surr)	88		70 - 130				06/27/24 08:22	06/27/24 11:55	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			06/27/24 11:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			06/27/24 01:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		06/26/24 16:36	06/27/24 01:36	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		06/26/24 16:36	06/27/24 01:36	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		06/26/24 16:36	06/27/24 01:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				06/26/24 16:36	06/27/24 01:36	1
o-Terphenyl	110		70 - 130				06/26/24 16:36	06/27/24 01:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.0		5.05		mg/Kg			06/27/24 09:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: CS-13 (4.5')

Lab Sample ID: 880-45309-13

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/27/24 08:22	06/27/24 12:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/27/24 08:22	06/27/24 12:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/27/24 08:22	06/27/24 12:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/27/24 08:22	06/27/24 12:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/27/24 08:22	06/27/24 12:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/27/24 08:22	06/27/24 12:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/27/24 08:22	06/27/24 12:15	1
1,4-Difluorobenzene (Surr)	88		70 - 130	06/27/24 08:22	06/27/24 12:15	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			06/27/24 12:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/27/24 01:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/26/24 16:36	06/27/24 01:56	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/26/24 16:36	06/27/24 01:56	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/26/24 16:36	06/27/24 01:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	06/26/24 16:36	06/27/24 01:56	1
o-Terphenyl	128		70 - 130	06/26/24 16:36	06/27/24 01:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.3		4.96		mg/Kg			06/27/24 09:51	1

Client Sample ID: CS-14 (2.5')

Lab Sample ID: 880-45309-14

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/27/24 08:22	06/27/24 12:36	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/27/24 08:22	06/27/24 12:36	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/27/24 08:22	06/27/24 12:36	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/27/24 08:22	06/27/24 12:36	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/27/24 08:22	06/27/24 12:36	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/27/24 08:22	06/27/24 12:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	06/27/24 08:22	06/27/24 12:36	1
1,4-Difluorobenzene (Surr)	88		70 - 130	06/27/24 08:22	06/27/24 12:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: CS-14 (2.5')

Lab Sample ID: 880-45309-14

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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			06/27/24 12:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/27/24 02:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/26/24 16:36	06/27/24 02:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/26/24 16:36	06/27/24 02:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/26/24 16:36	06/27/24 02:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				06/26/24 16:36	06/27/24 02:17	1
o-Terphenyl	125		70 - 130				06/26/24 16:36	06/27/24 02:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	188		4.98		mg/Kg			06/27/24 10:06	1

Client Sample ID: CS-15 (2.5')

Lab Sample ID: 880-45309-15

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/27/24 08:22	06/27/24 14:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/27/24 08:22	06/27/24 14:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/27/24 08:22	06/27/24 14:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/27/24 08:22	06/27/24 14:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/27/24 08:22	06/27/24 14:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/27/24 08:22	06/27/24 14:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				06/27/24 08:22	06/27/24 14:09	1
1,4-Difluorobenzene (Surr)	89		70 - 130				06/27/24 08:22	06/27/24 14:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/27/24 14:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/27/24 02:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/26/24 16:36	06/27/24 02:35	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/26/24 16:36	06/27/24 02:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: CS-15 (2.5')

Lab Sample ID: 880-45309-15

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/26/24 16:36	06/27/24 02:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	0.006	S1-	70 - 130				06/26/24 16:36	06/27/24 02:35	1
o-Terphenyl	0.04	S1-	70 - 130				06/26/24 16:36	06/27/24 02:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		5.04		mg/Kg			06/27/24 10:11	1

Client Sample ID: CS-16 (4.5')

Lab Sample ID: 880-45309-16

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/27/24 08:37	06/27/24 14:19	1
Toluene	<0.00198	U *	0.00198		mg/Kg		06/27/24 08:37	06/27/24 14:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/27/24 08:37	06/27/24 14:19	1
m-Xylene & p-Xylene	<0.00396	U * *	0.00396		mg/Kg		06/27/24 08:37	06/27/24 14:19	1
o-Xylene	<0.00198	U * *	0.00198		mg/Kg		06/27/24 08:37	06/27/24 14:19	1
Xylenes, Total	<0.00396	U * *	0.00396		mg/Kg		06/27/24 08:37	06/27/24 14:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				06/27/24 08:37	06/27/24 14:19	1
1,4-Difluorobenzene (Surr)	102		70 - 130				06/27/24 08:37	06/27/24 14:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			06/27/24 14:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/27/24 03:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/26/24 16:36	06/27/24 03:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/26/24 16:36	06/27/24 03:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/26/24 16:36	06/27/24 03:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				06/26/24 16:36	06/27/24 03:43	1
o-Terphenyl	122		70 - 130				06/26/24 16:36	06/27/24 03:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	161		4.97		mg/Kg			06/27/24 10:16	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: SW-1 (2')

Lab Sample ID: 880-45309-17

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/27/24 08:37	06/27/24 14:40	1
Toluene	<0.00200	U *	0.00200		mg/Kg		06/27/24 08:37	06/27/24 14:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/27/24 08:37	06/27/24 14:40	1
m-Xylene & p-Xylene	<0.00400	U * *	0.00400		mg/Kg		06/27/24 08:37	06/27/24 14:40	1
o-Xylene	<0.00200	U * *	0.00200		mg/Kg		06/27/24 08:37	06/27/24 14:40	1
Xylenes, Total	<0.00400	U * *	0.00400		mg/Kg		06/27/24 08:37	06/27/24 14:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	06/27/24 08:37	06/27/24 14:40	1
1,4-Difluorobenzene (Surr)	112		70 - 130	06/27/24 08:37	06/27/24 14:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			06/27/24 14:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/27/24 04:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/26/24 16:36	06/27/24 04:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/26/24 16:36	06/27/24 04:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/26/24 16:36	06/27/24 04:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	06/26/24 16:36	06/27/24 04:03	1
o-Terphenyl	117		70 - 130	06/26/24 16:36	06/27/24 04:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		4.98		mg/Kg			06/27/24 10:21	1

Client Sample ID: SW-2 (2')

Lab Sample ID: 880-45309-18

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/27/24 08:37	06/27/24 15:00	1
Toluene	<0.00199	U *	0.00199		mg/Kg		06/27/24 08:37	06/27/24 15:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/27/24 08:37	06/27/24 15:00	1
m-Xylene & p-Xylene	<0.00398	U * *	0.00398		mg/Kg		06/27/24 08:37	06/27/24 15:00	1
o-Xylene	<0.00199	U * *	0.00199		mg/Kg		06/27/24 08:37	06/27/24 15:00	1
Xylenes, Total	<0.00398	U * *	0.00398		mg/Kg		06/27/24 08:37	06/27/24 15:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	06/27/24 08:37	06/27/24 15:00	1
1,4-Difluorobenzene (Surr)	113		70 - 130	06/27/24 08:37	06/27/24 15:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: SW-2 (2')
Date Collected: 06/26/24 00:00
Date Received: 06/26/24 16:56

Lab Sample ID: 880-45309-18
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/27/24 15:00	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.9	U	49.9		mg/Kg			06/27/24 04:23	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/26/24 16:36	06/27/24 04:23	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/26/24 16:36	06/27/24 04:23	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/26/24 16:36	06/27/24 04:23	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	113		70 - 130				06/26/24 16:36	06/27/24 04:23	1	
o-Terphenyl	132	S1+	70 - 130				06/26/24 16:36	06/27/24 04:23	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	111		5.03		mg/Kg			06/27/24 10:26	1	

Client Sample ID: SW-3 (2')
Date Collected: 06/26/24 00:00
Date Received: 06/26/24 16:56

Lab Sample ID: 880-45309-19
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00199	U F1 F2	0.00199		mg/Kg		06/27/24 08:21	06/27/24 13:17	1	
Toluene	<0.00199	U F1 F2	0.00199		mg/Kg		06/27/24 08:21	06/27/24 13:17	1	
Ethylbenzene	<0.00199	U F1 F2	0.00199		mg/Kg		06/27/24 08:21	06/27/24 13:17	1	
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.00398		mg/Kg		06/27/24 08:21	06/27/24 13:17	1	
o-Xylene	<0.00199	U F1 F2	0.00199		mg/Kg		06/27/24 08:21	06/27/24 13:17	1	
Xylenes, Total	<0.00398	U F1 F2	0.00398		mg/Kg		06/27/24 08:21	06/27/24 13:17	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	109		70 - 130				06/27/24 08:21	06/27/24 13:17	1	
1,4-Difluorobenzene (Surr)	102		70 - 130				06/27/24 08:21	06/27/24 13:17	1	
Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/27/24 13:17	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.8	U	49.8		mg/Kg			06/27/24 04:44	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/26/24 16:36	06/27/24 04:44	1	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/26/24 16:36	06/27/24 04:44	1	

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: SW-3 (2')

Lab Sample ID: 880-45309-19

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/26/24 16:36	06/27/24 04:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				06/26/24 16:36	06/27/24 04:44	1
o-Terphenyl	119		70 - 130				06/26/24 16:36	06/27/24 04:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.1		5.00		mg/Kg			06/27/24 10:31	1

Client Sample ID: SW-4 (0.5')

Lab Sample ID: 880-45309-20

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/27/24 08:21	06/27/24 13:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/27/24 08:21	06/27/24 13:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/27/24 08:21	06/27/24 13:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/27/24 08:21	06/27/24 13:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/27/24 08:21	06/27/24 13:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/27/24 08:21	06/27/24 13:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				06/27/24 08:21	06/27/24 13:38	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/27/24 08:21	06/27/24 13:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/27/24 13:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/26/24 23:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/26/24 16:31	06/26/24 23:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/26/24 16:31	06/26/24 23:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/26/24 16:31	06/26/24 23:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				06/26/24 16:31	06/26/24 23:14	1
o-Terphenyl	125		70 - 130				06/26/24 16:31	06/26/24 23:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.5		5.05		mg/Kg			06/27/24 10:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: SW-5 (1.5')

Lab Sample ID: 880-45309-21

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *1	0.00199		mg/Kg		06/26/24 16:38	06/26/24 20:15	1
Toluene	<0.00199	U *- *1	0.00199		mg/Kg		06/26/24 16:38	06/26/24 20:15	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		06/26/24 16:38	06/26/24 20:15	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398		mg/Kg		06/26/24 16:38	06/26/24 20:15	1
o-Xylene	<0.00199	U *- *1	0.00199		mg/Kg		06/26/24 16:38	06/26/24 20:15	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		06/26/24 16:38	06/26/24 20:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	06/26/24 16:38	06/26/24 20:15	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/26/24 16:38	06/26/24 20:15	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			06/26/24 20:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/26/24 23:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/26/24 16:31	06/26/24 23:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/26/24 16:31	06/26/24 23:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/26/24 16:31	06/26/24 23:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	06/26/24 16:31	06/26/24 23:34	1
o-Terphenyl	97		70 - 130	06/26/24 16:31	06/26/24 23:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.6		5.02		mg/Kg			06/27/24 15:18	1

Client Sample ID: SW-6 (1.5')

Lab Sample ID: 880-45309-22

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *1	0.00201		mg/Kg		06/26/24 16:38	06/26/24 20:42	1
Toluene	<0.00201	U *- *1	0.00201		mg/Kg		06/26/24 16:38	06/26/24 20:42	1
Ethylbenzene	<0.00201	U *- *1	0.00201		mg/Kg		06/26/24 16:38	06/26/24 20:42	1
m-Xylene & p-Xylene	<0.00402	U *- *1	0.00402		mg/Kg		06/26/24 16:38	06/26/24 20:42	1
o-Xylene	<0.00201	U *- *1	0.00201		mg/Kg		06/26/24 16:38	06/26/24 20:42	1
Xylenes, Total	<0.00402	U *- *1	0.00402		mg/Kg		06/26/24 16:38	06/26/24 20:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130	06/26/24 16:38	06/26/24 20:42	1
1,4-Difluorobenzene (Surr)	90		70 - 130	06/26/24 16:38	06/26/24 20:42	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: SW-6 (1.5')

Lab Sample ID: 880-45309-22

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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			06/26/24 20:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/26/24 23:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/26/24 16:31	06/26/24 23:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/26/24 16:31	06/26/24 23:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/26/24 16:31	06/26/24 23:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				06/26/24 16:31	06/26/24 23:54	1
o-Terphenyl	89		70 - 130				06/26/24 16:31	06/26/24 23:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.3		4.97		mg/Kg			06/27/24 15:23	1

Client Sample ID: SW-7 (3')

Lab Sample ID: 880-45309-23

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *1	0.00198		mg/Kg		06/26/24 16:38	06/26/24 21:09	1
Toluene	<0.00198	U *- *1	0.00198		mg/Kg		06/26/24 16:38	06/26/24 21:09	1
Ethylbenzene	<0.00198	U *- *1	0.00198		mg/Kg		06/26/24 16:38	06/26/24 21:09	1
m-Xylene & p-Xylene	<0.00397	U *- *1	0.00397		mg/Kg		06/26/24 16:38	06/26/24 21:09	1
o-Xylene	<0.00198	U *- *1	0.00198		mg/Kg		06/26/24 16:38	06/26/24 21:09	1
Xylenes, Total	<0.00397	U *- *1	0.00397		mg/Kg		06/26/24 16:38	06/26/24 21:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				06/26/24 16:38	06/26/24 21:09	1
1,4-Difluorobenzene (Surr)	103		70 - 130				06/26/24 16:38	06/26/24 21:09	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			06/26/24 21:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/27/24 00:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/26/24 16:31	06/27/24 00:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/26/24 16:31	06/27/24 00:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: SW-7 (3')

Lab Sample ID: 880-45309-23

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/26/24 16:31	06/27/24 00:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				06/26/24 16:31	06/27/24 00:15	1
o-Terphenyl	95		70 - 130				06/26/24 16:31	06/27/24 00:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.1		4.96		mg/Kg			06/27/24 15:29	1

Client Sample ID: SW-8 (4.5')

Lab Sample ID: 880-45309-24

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *1	0.00201		mg/Kg		06/26/24 16:38	06/26/24 21:36	1
Toluene	<0.00201	U *- *1	0.00201		mg/Kg		06/26/24 16:38	06/26/24 21:36	1
Ethylbenzene	<0.00201	U *- *1	0.00201		mg/Kg		06/26/24 16:38	06/26/24 21:36	1
m-Xylene & p-Xylene	<0.00402	U *- *1	0.00402		mg/Kg		06/26/24 16:38	06/26/24 21:36	1
o-Xylene	<0.00201	U *- *1	0.00201		mg/Kg		06/26/24 16:38	06/26/24 21:36	1
Xylenes, Total	<0.00402	U *- *1	0.00402		mg/Kg		06/26/24 16:38	06/26/24 21:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				06/26/24 16:38	06/26/24 21:36	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/26/24 16:38	06/26/24 21:36	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			06/26/24 21:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/27/24 00:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/26/24 16:31	06/27/24 00:55	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/26/24 16:31	06/27/24 00:55	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/26/24 16:31	06/27/24 00:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				06/26/24 16:31	06/27/24 00:55	1
o-Terphenyl	93		70 - 130				06/26/24 16:31	06/27/24 00:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.5		5.00		mg/Kg			06/27/24 15:34	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: SW-9 (4.5')

Lab Sample ID: 880-45309-25

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *1	0.00202		mg/Kg		06/26/24 16:38	06/26/24 22:03	1
Toluene	<0.00202	U *- *1	0.00202		mg/Kg		06/26/24 16:38	06/26/24 22:03	1
Ethylbenzene	<0.00202	U *- *1	0.00202		mg/Kg		06/26/24 16:38	06/26/24 22:03	1
m-Xylene & p-Xylene	<0.00403	U *- *1	0.00403		mg/Kg		06/26/24 16:38	06/26/24 22:03	1
o-Xylene	<0.00202	U *- *1	0.00202		mg/Kg		06/26/24 16:38	06/26/24 22:03	1
Xylenes, Total	<0.00403	U *- *1	0.00403		mg/Kg		06/26/24 16:38	06/26/24 22:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	06/26/24 16:38	06/26/24 22:03	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/26/24 16:38	06/26/24 22:03	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			06/26/24 22:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/27/24 01:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/26/24 16:31	06/27/24 01:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/26/24 16:31	06/27/24 01:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/26/24 16:31	06/27/24 01:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	06/26/24 16:31	06/27/24 01:16	1
o-Terphenyl	111		70 - 130	06/26/24 16:31	06/27/24 01:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.3		5.02		mg/Kg			06/27/24 15:39	1

Client Sample ID: SW-10 (4.5')

Lab Sample ID: 880-45309-26

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *1	0.00199		mg/Kg		06/26/24 16:38	06/26/24 22:30	1
Toluene	<0.00199	U *- *1	0.00199		mg/Kg		06/26/24 16:38	06/26/24 22:30	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		06/26/24 16:38	06/26/24 22:30	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398		mg/Kg		06/26/24 16:38	06/26/24 22:30	1
o-Xylene	<0.00199	U *- *1	0.00199		mg/Kg		06/26/24 16:38	06/26/24 22:30	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		06/26/24 16:38	06/26/24 22:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	06/26/24 16:38	06/26/24 22:30	1
1,4-Difluorobenzene (Surr)	91		70 - 130	06/26/24 16:38	06/26/24 22:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: SW-10 (4.5')

Lab Sample ID: 880-45309-26

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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			06/26/24 22:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/27/24 01:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/26/24 16:31	06/27/24 01:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/26/24 16:31	06/27/24 01:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/26/24 16:31	06/27/24 01:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				06/26/24 16:31	06/27/24 01:36	1
o-Terphenyl	104		70 - 130				06/26/24 16:31	06/27/24 01:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.8		5.00		mg/Kg			06/27/24 15:44	1

Client Sample ID: SW-11 (4.5')

Lab Sample ID: 880-45309-27

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *1	0.00198		mg/Kg		06/26/24 16:38	06/26/24 22:56	1
Toluene	<0.00198	U *- *1	0.00198		mg/Kg		06/26/24 16:38	06/26/24 22:56	1
Ethylbenzene	<0.00198	U *- *1	0.00198		mg/Kg		06/26/24 16:38	06/26/24 22:56	1
m-Xylene & p-Xylene	<0.00396	U *- *1	0.00396		mg/Kg		06/26/24 16:38	06/26/24 22:56	1
o-Xylene	<0.00198	U *- *1	0.00198		mg/Kg		06/26/24 16:38	06/26/24 22:56	1
Xylenes, Total	<0.00396	U *- *1	0.00396		mg/Kg		06/26/24 16:38	06/26/24 22:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				06/26/24 16:38	06/26/24 22:56	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/26/24 16:38	06/26/24 22:56	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			06/26/24 22:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/27/24 01:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/26/24 16:31	06/27/24 01:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/26/24 16:31	06/27/24 01:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: SW-11 (4.5')

Lab Sample ID: 880-45309-27

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/26/24 16:31	06/27/24 01:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				06/26/24 16:31	06/27/24 01:56	1
o-Terphenyl	97		70 - 130				06/26/24 16:31	06/27/24 01:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.3		4.96		mg/Kg			06/27/24 12:09	1

Client Sample ID: SW-12 (2')

Lab Sample ID: 880-45309-28

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/26/24 17:00	06/27/24 02:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/26/24 17:00	06/27/24 02:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/26/24 17:00	06/27/24 02:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/26/24 17:00	06/27/24 02:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/26/24 17:00	06/27/24 02:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/26/24 17:00	06/27/24 02:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/26/24 17:00	06/27/24 02:35	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/26/24 17:00	06/27/24 02:35	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			06/27/24 02:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/27/24 02:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/26/24 16:31	06/27/24 02:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/26/24 16:31	06/27/24 02:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/26/24 16:31	06/27/24 02:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				06/26/24 16:31	06/27/24 02:17	1
o-Terphenyl	109		70 - 130				06/26/24 16:31	06/27/24 02:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.1		4.96		mg/Kg			06/27/24 12:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: SW-13 (2.5')

Lab Sample ID: 880-45309-29

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/27/24 08:21	06/27/24 13:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/27/24 08:21	06/27/24 13:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/27/24 08:21	06/27/24 13:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/27/24 08:21	06/27/24 13:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/27/24 08:21	06/27/24 13:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/27/24 08:21	06/27/24 13:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/27/24 08:21	06/27/24 13:58	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/27/24 08:21	06/27/24 13:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/27/24 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/27/24 02:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/26/24 16:31	06/27/24 02:35	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/26/24 16:31	06/27/24 02:35	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/26/24 16:31	06/27/24 02:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	0.01	S1-	70 - 130				06/26/24 16:31	06/27/24 02:35	1
o-Terphenyl	0.04	S1-	70 - 130				06/26/24 16:31	06/27/24 02:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	133		4.98		mg/Kg			06/27/24 10:39	1

Client Sample ID: SW-14 (2.5')

Lab Sample ID: 880-45309-30

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/27/24 08:21	06/27/24 14:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/27/24 08:21	06/27/24 14:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/27/24 08:21	06/27/24 14:19	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/27/24 08:21	06/27/24 14:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/27/24 08:21	06/27/24 14:19	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/27/24 08:21	06/27/24 14:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				06/27/24 08:21	06/27/24 14:19	1
1,4-Difluorobenzene (Surr)	102		70 - 130				06/27/24 08:21	06/27/24 14:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: SW-14 (2.5')

Lab Sample ID: 880-45309-30

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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			06/27/24 14:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/27/24 03:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/26/24 16:31	06/27/24 03:43	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/26/24 16:31	06/27/24 03:43	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/26/24 16:31	06/27/24 03:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				06/26/24 16:31	06/27/24 03:43	1
o-Terphenyl	96		70 - 130				06/26/24 16:31	06/27/24 03:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.3		5.02		mg/Kg			06/27/24 10:44	1

Client Sample ID: SW-15 (2')

Lab Sample ID: 880-45309-31

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/27/24 08:21	06/27/24 14:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/27/24 08:21	06/27/24 14:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/27/24 08:21	06/27/24 14:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/27/24 08:21	06/27/24 14:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/27/24 08:21	06/27/24 14:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/27/24 08:21	06/27/24 14:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/27/24 08:21	06/27/24 14:39	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/27/24 08:21	06/27/24 14:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/27/24 14:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/27/24 04:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/26/24 16:31	06/27/24 04:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/26/24 16:31	06/27/24 04:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: SW-15 (2')

Lab Sample ID: 880-45309-31

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/26/24 16:31	06/27/24 04:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				06/26/24 16:31	06/27/24 04:03	1
o-Terphenyl	107		70 - 130				06/26/24 16:31	06/27/24 04:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	153		4.97		mg/Kg			06/27/24 10:50	1

Client Sample ID: SW-16 (4.5')

Lab Sample ID: 880-45309-32

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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		06/27/24 08:21	06/27/24 15:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/27/24 08:21	06/27/24 15:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/27/24 08:21	06/27/24 15:00	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/27/24 08:21	06/27/24 15:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/27/24 08:21	06/27/24 15:00	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/27/24 08:21	06/27/24 15:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				06/27/24 08:21	06/27/24 15:00	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/27/24 08:21	06/27/24 15:00	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			06/27/24 15:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/27/24 04:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/26/24 16:31	06/27/24 04:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/26/24 16:31	06/27/24 04:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/26/24 16:31	06/27/24 04:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				06/26/24 16:31	06/27/24 04:23	1
o-Terphenyl	86		70 - 130				06/26/24 16:31	06/27/24 04:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123		4.98		mg/Kg			06/27/24 11:07	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-45288-A-6-B MS	Matrix Spike	98	100
880-45288-A-6-C MSD	Matrix Spike Duplicate	98	101
880-45309-1	CS-1 (2')	104	86
880-45309-1 MS	CS-1 (2')	92	92
880-45309-1 MSD	CS-1 (2')	97	92
880-45309-2	CS-2 (2')	111	90
880-45309-3	CS-3 (1.5')	103	89
880-45309-4	CS-4 (1.5')	103	89
880-45309-5	CS-5 (1.5')	103	88
880-45309-6	CS-6 (4.5')	107	90
880-45309-7	CS-7 (4.5')	107	90
880-45309-8	CS-8 (4.5')	104	88
880-45309-9	CS-9 (4.5')	106	89
880-45309-10	CS-10 (4.5')	105	90
880-45309-11	CS-11 (4.5')	108	92
880-45309-12	CS-12 (4.5')	103	88
880-45309-12 MS	CS-12 (4.5')	100	92
880-45309-13	CS-13 (4.5')	103	88
880-45309-14	CS-14 (2.5')	104	88
880-45309-15	CS-15 (2.5')	106	89
880-45309-16	CS-16 (4.5')	112	102
880-45309-17	SW-1 (2')	116	112
880-45309-18	SW-2 (2')	125	113
880-45309-19	SW-3 (2')	109	102
880-45309-19 MS	SW-3 (2')	102	99
880-45309-19 MSD	SW-3 (2')	119	109
880-45309-20	SW-4 (0.5')	106	101
880-45309-21	SW-5 (1.5')	89	96
880-45309-21 MS	SW-5 (1.5')	94	105
880-45309-21 MSD	SW-5 (1.5')	101	100
880-45309-22	SW-6 (1.5')	67 S1-	90
880-45309-23	SW-7 (3')	96	103
880-45309-24	SW-8 (4.5')	99	98
880-45309-25	SW-9 (4.5')	105	97
880-45309-26	SW-10 (4.5')	120	91
880-45309-27	SW-11 (4.5')	112	99
880-45309-28	SW-12 (2')	105	100
880-45309-29	SW-13 (2.5')	109	100
880-45309-30	SW-14 (2.5')	108	102
880-45309-31	SW-15 (2')	107	101
880-45309-32	SW-16 (4.5')	106	101
880-45318-A-1-A MS	Matrix Spike	116	108
880-45318-A-1-B MSD	Matrix Spike Duplicate	123	104
LCS 880-84249/1-A	Lab Control Sample	100	100
LCS 880-84259/1-A	Lab Control Sample	102	100
LCS 880-84262/1-A	Lab Control Sample	95	92
LCS 880-84269/1-A	Lab Control Sample	101	114
LCS 880-84303/1-A	Lab Control Sample	99	91
LCS 880-84312/1-A	Lab Control Sample	70	106

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Surrogate Summary

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
LCSD 880-84249/2-A	Lab Control Sample Dup	100	100
LCSD 880-84259/2-A	Lab Control Sample Dup	103	99
LCSD 880-84262/2-A	Lab Control Sample Dup	93	92
LCSD 880-84269/2-A	Lab Control Sample Dup	112	107
LCSD 880-84303/2-A	Lab Control Sample Dup	99	92
LCSD 880-84312/2-A	Lab Control Sample Dup	121	110
MB 880-84166/5-A	Method Blank	103	88
MB 880-84249/5-A	Method Blank	102	100
MB 880-84259/5-A	Method Blank	103	97
MB 880-84262/5-A	Method Blank	103	88
MB 880-84269/5-A	Method Blank	67 S1-	101
MB 880-84303/5-A	Method Blank	100	84
MB 880-84312/5-A	Method Blank	183 S1+	121
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-45292-A-1-E MS	Matrix Spike	92	88
880-45292-A-1-F MSD	Matrix Spike Duplicate	101	95
880-45296-A-1-E MS	Matrix Spike	88	86
880-45296-A-1-F MSD	Matrix Spike Duplicate	73	75
880-45309-1	CS-1 (2')	88	104
880-45309-2	CS-2 (2')	88	105
880-45309-3	CS-3 (1.5')	90	106
880-45309-4	CS-4 (1.5')	92	105
880-45309-5	CS-5 (1.5')	92	108
880-45309-6	CS-6 (4.5')	87	103
880-45309-7	CS-7 (4.5')	89	104
880-45309-8	CS-8 (4.5')	89	103
880-45309-9	CS-9 (4.5')	91	107
880-45309-10	CS-10 (4.5')	89	105
880-45309-11	CS-11 (4.5')	98	115
880-45309-12	CS-12 (4.5')	94	110
880-45309-13	CS-13 (4.5')	111	128
880-45309-14	CS-14 (2.5')	105	125
880-45309-15	CS-15 (2.5')	0.006 S1-	0.04 S1-
880-45309-16	CS-16 (4.5')	105	122
880-45309-17	SW-1 (2')	100	117
880-45309-18	SW-2 (2')	113	132 S1+
880-45309-19	SW-3 (2')	100	119
880-45309-20	SW-4 (0.5')	117	125
880-45309-21	SW-5 (1.5')	89	97
880-45309-22	SW-6 (1.5')	81	89
880-45309-23	SW-7 (3')	90	95

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Surrogate Summary

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-45309-24	SW-8 (4.5')	85	93
880-45309-25	SW-9 (4.5')	105	111
880-45309-26	SW-10 (4.5')	96	104
880-45309-27	SW-11 (4.5')	93	97
880-45309-28	SW-12 (2')	104	109
880-45309-29	SW-13 (2.5')	0.01 S1-	0.04 S1-
880-45309-30	SW-14 (2.5')	89	96
880-45309-31	SW-15 (2')	99	107
880-45309-32	SW-16 (4.5')	81	86
LCS 880-84266/2-A	Lab Control Sample	113	115
LCS 880-84268/2-A	Lab Control Sample	84	89
LCSD 880-84266/3-A	Lab Control Sample Dup	115	113
LCSD 880-84268/3-A	Lab Control Sample Dup	100	104
MB 880-84266/1-A	Method Blank	131 S1+	143 S1+
MB 880-84268/1-A	Method Blank	148 S1+	170 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-84166/5-A

Matrix: Solid

Analysis Batch: 84161

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84166

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/26/24 08:27	06/26/24 11:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/26/24 08:27	06/26/24 11:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/26/24 08:27	06/26/24 11:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/26/24 08:27	06/26/24 11:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/26/24 08:27	06/26/24 11:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/26/24 08:27	06/26/24 11:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/26/24 08:27	06/26/24 11:43	1
1,4-Difluorobenzene (Surr)	88		70 - 130	06/26/24 08:27	06/26/24 11:43	1

Lab Sample ID: MB 880-84249/5-A

Matrix: Solid

Analysis Batch: 84260

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84249

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/26/24 14:53	06/26/24 19:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/26/24 14:53	06/26/24 19:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/26/24 14:53	06/26/24 19:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/26/24 14:53	06/26/24 19:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/26/24 14:53	06/26/24 19:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/26/24 14:53	06/26/24 19:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	06/26/24 14:53	06/26/24 19:53	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/26/24 14:53	06/26/24 19:53	1

Lab Sample ID: LCS 880-84249/1-A

Matrix: Solid

Analysis Batch: 84260

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 84249

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08323		mg/Kg		83	70 - 130
Toluene	0.100	0.07925		mg/Kg		79	70 - 130
Ethylbenzene	0.100	0.08005		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	0.200	0.1825		mg/Kg		91	70 - 130
o-Xylene	0.100	0.08180		mg/Kg		82	70 - 130

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

Lab Sample ID: LCSD 880-84249/2-A

Matrix: Solid

Analysis Batch: 84260

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 84249

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08483		mg/Kg		85	70 - 130	2	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-84249/2-A

Matrix: Solid

Analysis Batch: 84260

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 84249

Analyte	Spike		LCSD	LCSD	Unit	D	%Rec	%Rec		RPD
	Added	Result	Qualifier	Limit				Limits	RPD	
Toluene	0.100	0.08083			mg/Kg		81	70 - 130	2	35
Ethylbenzene	0.100	0.08123			mg/Kg		81	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1855			mg/Kg		93	70 - 130	2	35
o-Xylene	0.100	0.08335			mg/Kg		83	70 - 130	2	35

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

Lab Sample ID: 880-45288-A-6-B MS

Matrix: Solid

Analysis Batch: 84260

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 84249

Analyte	Sample		Spike	MS		Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD
Benzene	<0.00199	U	0.100	0.07198		mg/Kg		72	70 - 130	
Toluene	<0.00199	U F1	0.100	0.06142	F1	mg/Kg		61	70 - 130	
Ethylbenzene	<0.00199	U F1	0.100	0.05559	F1	mg/Kg		55	70 - 130	
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.1233	F1	mg/Kg		62	70 - 130	
o-Xylene	<0.00199	U F1	0.100	0.05285	F1	mg/Kg		53	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-45288-A-6-C MSD

Matrix: Solid

Analysis Batch: 84260

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 84249

Analyte	Sample		Spike	MSD		Unit	D	%Rec	%Rec		RPD
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	
Benzene	<0.00199	U	0.0994	0.07008		mg/Kg		71	70 - 130	3	35
Toluene	<0.00199	U F1	0.0994	0.05817	F1	mg/Kg		59	70 - 130	5	35
Ethylbenzene	<0.00199	U F1	0.0994	0.05104	F1	mg/Kg		51	70 - 130	9	35
m-Xylene & p-Xylene	<0.00398	U F1	0.199	0.1130	F1	mg/Kg		57	70 - 130	9	35
o-Xylene	<0.00199	U F1	0.0994	0.04874	F1	mg/Kg		49	70 - 130	8	35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-84259/5-A

Matrix: Solid

Analysis Batch: 84305

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84259

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		06/27/24 08:21	06/27/24 12:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/27/24 08:21	06/27/24 12:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/27/24 08:21	06/27/24 12:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/27/24 08:21	06/27/24 12:56	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-84259/5-A

Matrix: Solid

Analysis Batch: 84305

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84259

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/27/24 08:21	06/27/24 12:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/27/24 08:21	06/27/24 12:56	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	103		70 - 130				06/27/24 08:21	06/27/24 12:56	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/27/24 08:21	06/27/24 12:56	1

Lab Sample ID: LCS 880-84259/1-A

Matrix: Solid

Analysis Batch: 84305

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 84259

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.07476		mg/Kg		75	70 - 130		
Toluene	0.100	0.07177		mg/Kg		72	70 - 130		
Ethylbenzene	0.100	0.07226		mg/Kg		72	70 - 130		
m-Xylene & p-Xylene	0.200	0.1658		mg/Kg		83	70 - 130		
o-Xylene	0.100	0.07641		mg/Kg		76	70 - 130		
Surrogate	LCS	LCS	Limits				%Recovery	Qualifier	
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	102		70 - 130						
1,4-Difluorobenzene (Surr)	100		70 - 130						

Lab Sample ID: LCSD 880-84259/2-A

Matrix: Solid

Analysis Batch: 84305

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 84259

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.08220		mg/Kg		82	70 - 130	9	35
Toluene	0.100	0.07944		mg/Kg		79	70 - 130	10	35
Ethylbenzene	0.100	0.08048		mg/Kg		80	70 - 130	11	35
m-Xylene & p-Xylene	0.200	0.1843		mg/Kg		92	70 - 130	11	35
o-Xylene	0.100	0.08312		mg/Kg		83	70 - 130	8	35
Surrogate	LCSD	LCSD	Limits				%Recovery	Qualifier	
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	103		70 - 130						
1,4-Difluorobenzene (Surr)	99		70 - 130						

Lab Sample ID: 880-45309-19 MS

Matrix: Solid

Analysis Batch: 84305

Client Sample ID: SW-3 (2')

Prep Type: Total/NA

Prep Batch: 84259

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits		
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00199	U F1 F2	0.0996	0.08138		mg/Kg		82	70 - 130		
Toluene	<0.00199	U F1 F2	0.0996	0.07849		mg/Kg		79	70 - 130		
Ethylbenzene	<0.00199	U F1 F2	0.0996	0.07985		mg/Kg		80	70 - 130		
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.199	0.1823		mg/Kg		91	70 - 130		
o-Xylene	<0.00199	U F1 F2	0.0996	0.08197		mg/Kg		82	70 - 130		

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-45309-19 MS

Matrix: Solid

Analysis Batch: 84305

Client Sample ID: SW-3 (2')

Prep Type: Total/NA

Prep Batch: 84259

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-45309-19 MSD

Matrix: Solid

Analysis Batch: 84305

Client Sample ID: SW-3 (2')

Prep Type: Total/NA

Prep Batch: 84259

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U F1 F2	0.0992	0.01936	F1 F2	mg/Kg		20	70 - 130	123	35
Toluene	<0.00199	U F1 F2	0.0992	0.01789	F1 F2	mg/Kg		18	70 - 130	126	35
Ethylbenzene	<0.00199	U F1 F2	0.0992	0.01660	F1 F2	mg/Kg		17	70 - 130	131	35
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.198	0.03830	F1 F2	mg/Kg		19	70 - 130	131	35
o-Xylene	<0.00199	U F1 F2	0.0992	0.02187	F1 F2	mg/Kg		22	70 - 130	116	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: MB 880-84262/5-A

Matrix: Solid

Analysis Batch: 84161

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84262

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/26/24 16:24	06/26/24 22:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/26/24 16:24	06/26/24 22:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/26/24 16:24	06/26/24 22:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/26/24 16:24	06/26/24 22:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/26/24 16:24	06/26/24 22:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/26/24 16:24	06/26/24 22:31	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	103		70 - 130	06/26/24 16:24	06/26/24 22:31	1			
1,4-Difluorobenzene (Surr)	88		70 - 130	06/26/24 16:24	06/26/24 22:31	1			

Lab Sample ID: LCS 880-84262/1-A

Matrix: Solid

Analysis Batch: 84161

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 84262

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08990		mg/Kg		90	70 - 130
Toluene	0.100	0.08378		mg/Kg		84	70 - 130
Ethylbenzene	0.100	0.08230		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	0.200	0.1709		mg/Kg		85	70 - 130
o-Xylene	0.100	0.09113		mg/Kg		91	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-84262/1-A
Matrix: Solid
Analysis Batch: 84161

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84262

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: LCSD 880-84262/2-A
Matrix: Solid
Analysis Batch: 84161

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 84262

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08947		mg/Kg		89	70 - 130	0	35
Toluene	0.100	0.08317		mg/Kg		83	70 - 130	1	35
Ethylbenzene	0.100	0.08183		mg/Kg		82	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1692		mg/Kg		85	70 - 130	1	35
o-Xylene	0.100	0.08854		mg/Kg		89	70 - 130	3	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 880-45309-1 MS
Matrix: Solid
Analysis Batch: 84161

Client Sample ID: CS-1 (2')
Prep Type: Total/NA
Prep Batch: 84262

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.100	0.08301		mg/Kg		83	70 - 130
Toluene	<0.00199	U	0.100	0.07643		mg/Kg		76	70 - 130
Ethylbenzene	<0.00199	U	0.100	0.07498		mg/Kg		75	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1547		mg/Kg		77	70 - 130
o-Xylene	<0.00199	U	0.100	0.08090		mg/Kg		81	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 880-45309-1 MSD
Matrix: Solid
Analysis Batch: 84161

Client Sample ID: CS-1 (2')
Prep Type: Total/NA
Prep Batch: 84262

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0994	0.08417		mg/Kg		85	70 - 130	1	35
Toluene	<0.00199	U	0.0994	0.07625		mg/Kg		77	70 - 130	0	35
Ethylbenzene	<0.00199	U	0.0994	0.07565		mg/Kg		76	70 - 130	1	35
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1558		mg/Kg		78	70 - 130	1	35
o-Xylene	<0.00199	U	0.0994	0.08152		mg/Kg		82	70 - 130	1	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-84269/5-A							Client Sample ID: Method Blank				
Matrix: Solid							Prep Type: Total/NA				
Analysis Batch: 83904							Prep Batch: 84269				
	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Benzene	<0.00200	U	0.00200		mg/Kg		06/26/24 16:38	06/26/24 19:48		1	
Toluene	<0.00200	U	0.00200		mg/Kg		06/26/24 16:38	06/26/24 19:48		1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/26/24 16:38	06/26/24 19:48		1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/26/24 16:38	06/26/24 19:48		1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/26/24 16:38	06/26/24 19:48		1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/26/24 16:38	06/26/24 19:48		1	
	MB	MB									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130				06/26/24 16:38	06/26/24 19:48		1	
1,4-Difluorobenzene (Surr)	101		70 - 130				06/26/24 16:38	06/26/24 19:48		1	

Lab Sample ID: LCS 880-84269/1-A						Client Sample ID: Lab Control Sample			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 83904						Prep Batch: 84269			
		Spike	LCS	LCS				%Rec	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene		0.100	0.07133		mg/Kg		71	70 - 130	
Toluene		0.100	0.06380	*-	mg/Kg		64	70 - 130	
Ethylbenzene		0.100	0.06610	*-	mg/Kg		66	70 - 130	
m-Xylene & p-Xylene		0.200	0.1326	*-	mg/Kg		66	70 - 130	
o-Xylene		0.100	0.06514	*-	mg/Kg		65	70 - 130	
		LCS	LCS						
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	101		70 - 130						
1,4-Difluorobenzene (Surr)	114		70 - 130						

Lab Sample ID: LCSD 880-84269/2-A							Client Sample ID: Lab Control Sample Dup				
Matrix: Solid							Prep Type: Total/NA				
Analysis Batch: 83904							Prep Batch: 84269				
Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	RPD		
			Added	Result	Qualifier			%Rec	Limits	RPD	Limit
Benzene			0.100	0.1068	*1	mg/Kg		107	70 - 130	40	35
Toluene			0.100	0.09760	*1	mg/Kg		98	70 - 130	42	35
Ethylbenzene			0.100	0.1011	*1	mg/Kg		101	70 - 130	42	35
m-Xylene & p-Xylene			0.200	0.2052	*1	mg/Kg		103	70 - 130	43	35
o-Xylene			0.100	0.1029	*1	mg/Kg		103	70 - 130	45	35
		LCSD	LCSD								
Surrogate		%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)		112		70 - 130							
1,4-Difluorobenzene (Surr)		107		70 - 130							

Lab Sample ID: 880-45309-21 MS							Client Sample ID: SW-5 (1.5')			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 83904							Prep Batch: 84269			
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	<0.00199	U *1	0.100	0.09709		mg/Kg		97	70 - 130	
Toluene	<0.00199	U *- *1	0.100	0.07765		mg/Kg		77	70 - 130	

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-45309-21 MS

Matrix: Solid

Analysis Batch: 83904

Client Sample ID: SW-5 (1.5')

Prep Type: Total/NA

Prep Batch: 84269

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00199	U *- *1	0.100	0.07722		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	<0.00398	U *- *1	0.200	0.1550		mg/Kg		77	70 - 130
o-Xylene	<0.00199	U *- *1	0.100	0.07972		mg/Kg		80	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-45309-21 MSD

Matrix: Solid

Analysis Batch: 83904

Client Sample ID: SW-5 (1.5')

Prep Type: Total/NA

Prep Batch: 84269

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U *1	0.0994	0.09007		mg/Kg		91	70 - 130	8	35
Toluene	<0.00199	U *- *1	0.0994	0.07399		mg/Kg		74	70 - 130	5	35
Ethylbenzene	<0.00199	U *- *1	0.0994	0.07321		mg/Kg		74	70 - 130	5	35
m-Xylene & p-Xylene	<0.00398	U *- *1	0.199	0.1477		mg/Kg		74	70 - 130	5	35
o-Xylene	<0.00199	U *- *1	0.0994	0.07353		mg/Kg		74	70 - 130	8	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-84303/5-A

Matrix: Solid

Analysis Batch: 84306

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84303

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/27/24 08:22	06/27/24 11:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/27/24 08:22	06/27/24 11:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/27/24 08:22	06/27/24 11:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/27/24 08:22	06/27/24 11:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/27/24 08:22	06/27/24 11:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/27/24 08:22	06/27/24 11:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	06/27/24 08:22	06/27/24 11:33	1
1,4-Difluorobenzene (Surr)	84		70 - 130	06/27/24 08:22	06/27/24 11:33	1

Lab Sample ID: LCS 880-84303/1-A

Matrix: Solid

Analysis Batch: 84306

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 84303

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08529		mg/Kg		85	70 - 130
Toluene	0.100	0.08347		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.08427		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	0.200	0.1800		mg/Kg		90	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-84303/1-A

Matrix: Solid

Analysis Batch: 84306

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 84303

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09044		mg/Kg		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: LCSD 880-84303/2-A

Matrix: Solid

Analysis Batch: 84306

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 84303

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08970		mg/Kg		90	70 - 130	5	35
Toluene	0.100	0.08729		mg/Kg		87	70 - 130	4	35
Ethylbenzene	0.100	0.08859		mg/Kg		89	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130	5	35
o-Xylene	0.100	0.09465		mg/Kg		95	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 880-45309-12 MS

Matrix: Solid

Analysis Batch: 84306

Client Sample ID: CS-12 (4.5')

Prep Type: Total/NA

Prep Batch: 84303

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.100	0.07915		mg/Kg		79	70 - 130
Toluene	<0.00199	U	0.100	0.07754		mg/Kg		77	70 - 130
Ethylbenzene	<0.00199	U	0.100	0.07915		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1688		mg/Kg		84	70 - 130
o-Xylene	<0.00199	U	0.100	0.08544		mg/Kg		85	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: MB 880-84312/5-A

Matrix: Solid

Analysis Batch: 84308

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84312

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/27/24 08:37	06/27/24 11:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/27/24 08:37	06/27/24 11:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/27/24 08:37	06/27/24 11:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/27/24 08:37	06/27/24 11:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/27/24 08:37	06/27/24 11:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/27/24 08:37	06/27/24 11:41	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-84312/5-A

Matrix: Solid

Analysis Batch: 84308

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84312

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	183	S1+	70 - 130	06/27/24 08:37	06/27/24 11:41	1
1,4-Difluorobenzene (Surr)	121		70 - 130	06/27/24 08:37	06/27/24 11:41	1

Lab Sample ID: LCS 880-84312/1-A

Matrix: Solid

Analysis Batch: 84308

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 84312

	Spike	LCS	LCS					%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	0.100	0.07177		mg/Kg		72	70 - 130		
Toluene	0.100	0.06864	*-	mg/Kg		69	70 - 130		
Ethylbenzene	0.100	0.08331		mg/Kg		83	70 - 130		
m-Xylene & p-Xylene	0.200	0.06904	*-	mg/Kg		35	70 - 130		
o-Xylene	0.100	0.06269	*-	mg/Kg		63	70 - 130		

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

Lab Sample ID: LCSD 880-84312/2-A

Matrix: Solid

Analysis Batch: 84308

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 84312

	Spike	LCSD	LCSD					%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.09926		mg/Kg		99	70 - 130	32	35	
Toluene	0.100	0.08495		mg/Kg		85	70 - 130	21	35	
Ethylbenzene	0.100	0.08414		mg/Kg		84	70 - 130	1	35	
m-Xylene & p-Xylene	0.200	0.1684	*1	mg/Kg		84	70 - 130	84	35	
o-Xylene	0.100	0.1003	*1	mg/Kg		100	70 - 130	46	35	

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-45318-A-1-A MS

Matrix: Solid

Analysis Batch: 84308

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 84312

	Sample	Sample	Spike	MS	MS			%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00199	U	0.100	0.09834		mg/Kg		98	70 - 130
Toluene	<0.00199	U *-	0.100	0.08060		mg/Kg		80	70 - 130
Ethylbenzene	<0.00199	U	0.100	0.08321		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	<0.00398	U *- *1	0.200	0.1719		mg/Kg		86	70 - 130
o-Xylene	<0.00199	U *- *1	0.100	0.09018		mg/Kg		90	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-45318-A-1-B MSD
Matrix: Solid
Analysis Batch: 84308

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 84312

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0994	0.1027		mg/Kg		103	70 - 130	4	35
Toluene	<0.00199	U *	0.0994	0.08094		mg/Kg		81	70 - 130	0	35
Ethylbenzene	<0.00199	U	0.0994	0.1008		mg/Kg		101	70 - 130	19	35
m-Xylene & p-Xylene	<0.00398	U * - *	0.199	0.2004		mg/Kg		101	70 - 130	15	35
o-Xylene	<0.00199	U * - *	0.0994	0.1055		mg/Kg		106	70 - 130	16	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	123		70 - 130								
1,4-Difluorobenzene (Surr)	104		70 - 130								

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

Lab Sample ID: MB 880-84266/1-A
Matrix: Solid
Analysis Batch: 84152

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84266

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		06/26/24 16:30	06/26/24 19:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/26/24 16:30	06/26/24 19:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/26/24 16:30	06/26/24 19:26	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				06/26/24 16:30	06/26/24 19:26	1
o-Terphenyl	143	S1+	70 - 130				06/26/24 16:30	06/26/24 19:26	1

Lab Sample ID: LCS 880-84266/2-A

Matrix: Solid

Analysis Batch: 84152

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 84266

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	949.7		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	1000	904.9		mg/Kg		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	113		70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: LCSD 880-84266/3-A
Matrix: Solid
Analysis Batch: 84152

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 84266

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	974.6		mg/Kg		97	70 - 130	3	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-84266/3-A				Client Sample ID: Lab Control Sample Dup							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 84152				Prep Batch: 84266							
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)			1000	917.2		mg/Kg		92	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
1-Chlorooctane	115		70 - 130								
o-Terphenyl	113		70 - 130								

Lab Sample ID: 880-45292-A-1-E MS				Client Sample ID: Matrix Spike							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 84152				Prep Batch: 84266							
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	994	911.0		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U F1	994	514.1	F1	mg/Kg		52	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	88		70 - 130								

Lab Sample ID: 880-45292-A-1-F MSD				Client Sample ID: Matrix Spike Duplicate							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 84152				Prep Batch: 84266							
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	994	998.7		mg/Kg		97	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	994	561.5	F1	mg/Kg		56	70 - 130	9	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	101		70 - 130								
o-Terphenyl	95		70 - 130								

Lab Sample ID: MB 880-84268/1-A							Client Sample ID: Method Blank			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 84155							Prep Batch: 84268			
Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
	Result	Qualifier								
	Gasoline Range Organics (GRO)-C6-C10	<50.0 U								
	Diesel Range Organics (Over C10-C28)	<50.0 U								
Oil Range Organics (Over C28-C36)	<50.0 U	50.0	mg/Kg	06/26/24 16:36	06/26/24 19:26	1				
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac	
	%Recovery	Qualifier								
	1-Chlorooctane	148 S1+								
	o-Terphenyl	170 S1+								

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-84268/2-A

Matrix: Solid

Analysis Batch: 84155

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 84268

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	900.3		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	1000	840.2		mg/Kg		84	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	84		70 - 130				
o-Terphenyl	89		70 - 130				

Lab Sample ID: LCSD 880-84268/3-A

Matrix: Solid

Analysis Batch: 84155

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 84268

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	921.4		mg/Kg		92	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	925.4		mg/Kg		93	70 - 130	10	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	100		70 - 130						
o-Terphenyl	104		70 - 130						

Lab Sample ID: 880-45296-A-1-E MS

Matrix: Solid

Analysis Batch: 84155

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 84268

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	999	495.1	F1	mg/Kg		50	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U F1	999	532.6	F1	mg/Kg		53	70 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
1-Chlorooctane	88		70 - 130						
o-Terphenyl	86		70 - 130						

Lab Sample ID: 880-45296-A-1-F MSD

Matrix: Solid

Analysis Batch: 84155

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 84268

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	999	411.8	F1	mg/Kg		41	70 - 130	18	20
Diesel Range Organics (Over C10-C28)	<49.8	U F1	999	455.0	F1	mg/Kg		46	70 - 130	16	20
Surrogate	%Recovery	MSD Qualifier	Limits								
1-Chlorooctane	73		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-45296-A-1-F MSD				Client Sample ID: Matrix Spike Duplicate			
Matrix: Solid				Prep Type: Total/NA			
Analysis Batch: 84155				Prep Batch: 84268			
	MSD	MSD					
Surrogate	%Recovery	Qualifier	Limits				
o-Terphenyl	75		70 - 130				

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-84264/1-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Soluble		
Analysis Batch: 84302									
	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			06/27/24 08:05	1

Lab Sample ID: LCS 880-84264/2-A						Client Sample ID: Lab Control Sample			
Matrix: Solid						Prep Type: Soluble			
Analysis Batch: 84302									
			Spike	LCS	LCS			%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits
Chloride			250	238.5		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-84264/3-A						Client Sample ID: Lab Control Sample Dup						
Matrix: Solid						Prep Type: Soluble						
Analysis Batch: 84302												
				Spike	LCSD	LCSD			%Rec	RPD	RPD	
Analyte				Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride				250	241.9		mg/Kg		97	90 - 110	1	20

Lab Sample ID: 880-45309-1 MS							Client Sample ID: CS-1 (2')			
Matrix: Solid							Prep Type: Soluble			
Analysis Batch: 84302										
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	62.1		248	328.9		mg/Kg		108	90 - 110	

Lab Sample ID: 880-45309-1 MSD

Client Sample ID: CS-1 (2')

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 84302

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	62.1		248	329.7		mg/Kg		108	90 - 110	0	20

Lab Sample ID: 880-45309-11 MS							Client Sample ID: CS-11 (4.5')			
Matrix: Solid							Prep Type: Soluble			
Analysis Batch: 84302										
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	39.1		251	297.7		mg/Kg		103	90 - 110	

QC Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-45309-11 MSD

Matrix: Solid

Analysis Batch: 84302

Client Sample ID: CS-11 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	39.1		251	294.2		mg/Kg		102	90 - 110	1	20

Lab Sample ID: MB 880-84265/1-A

Matrix: Solid

Analysis Batch: 84310

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			06/27/24 09:59	1

Lab Sample ID: LCS 880-84265/2-A

Matrix: Solid

Analysis Batch: 84310

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	234.6		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-84265/3-A

Matrix: Solid

Analysis Batch: 84310

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	254.5		mg/Kg		102	90 - 110	8	20

Lab Sample ID: 880-45309-27 MS

Matrix: Solid

Analysis Batch: 84310

Client Sample ID: SW-11 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	34.3		248	274.2		mg/Kg		97	90 - 110

Lab Sample ID: 880-45309-27 MSD

Matrix: Solid

Analysis Batch: 84310

Client Sample ID: SW-11 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	34.3		248	275.6		mg/Kg		97	90 - 110	1	20

Lab Sample ID: MB 880-84258/1-A

Matrix: Solid

Analysis Batch: 84311

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			06/27/24 12:56	1

Lab Sample ID: LCS 880-84258/2-A

Matrix: Solid

Analysis Batch: 84311

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.9		mg/Kg		98	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-84258/3-A				Client Sample ID: Lab Control Sample Dup							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 84311											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	243.2		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-45297-A-2-D MS				Client Sample ID: Matrix Spike							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 84311											
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	27.7		248	283.8		mg/Kg		103	90 - 110		

Lab Sample ID: 880-45297-A-2-E MSD				Client Sample ID: Matrix Spike Duplicate							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 84311											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	27.7		248	282.3		mg/Kg		103	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 83904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-21	SW-5 (1.5')	Total/NA	Solid	8021B	84269
880-45309-22	SW-6 (1.5')	Total/NA	Solid	8021B	84269
880-45309-23	SW-7 (3')	Total/NA	Solid	8021B	84269
880-45309-24	SW-8 (4.5')	Total/NA	Solid	8021B	84269
880-45309-25	SW-9 (4.5')	Total/NA	Solid	8021B	84269
880-45309-26	SW-10 (4.5')	Total/NA	Solid	8021B	84269
880-45309-27	SW-11 (4.5')	Total/NA	Solid	8021B	84269
MB 880-84269/5-A	Method Blank	Total/NA	Solid	8021B	84269
LCS 880-84269/1-A	Lab Control Sample	Total/NA	Solid	8021B	84269
LCSD 880-84269/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	84269
880-45309-21 MS	SW-5 (1.5')	Total/NA	Solid	8021B	84269
880-45309-21 MSD	SW-5 (1.5')	Total/NA	Solid	8021B	84269

Analysis Batch: 84161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-1	CS-1 (2')	Total/NA	Solid	8021B	84262
880-45309-2	CS-2 (2')	Total/NA	Solid	8021B	84262
880-45309-3	CS-3 (1.5')	Total/NA	Solid	8021B	84262
880-45309-4	CS-4 (1.5')	Total/NA	Solid	8021B	84262
880-45309-5	CS-5 (1.5')	Total/NA	Solid	8021B	84262
880-45309-6	CS-6 (4.5')	Total/NA	Solid	8021B	84262
880-45309-7	CS-7 (4.5')	Total/NA	Solid	8021B	84262
880-45309-8	CS-8 (4.5')	Total/NA	Solid	8021B	84262
880-45309-9	CS-9 (4.5')	Total/NA	Solid	8021B	84262
880-45309-10	CS-10 (4.5')	Total/NA	Solid	8021B	84262
880-45309-11	CS-11 (4.5')	Total/NA	Solid	8021B	84262
MB 880-84166/5-A	Method Blank	Total/NA	Solid	8021B	84166
MB 880-84262/5-A	Method Blank	Total/NA	Solid	8021B	84262
LCS 880-84262/1-A	Lab Control Sample	Total/NA	Solid	8021B	84262
LCSD 880-84262/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	84262
880-45309-1 MS	CS-1 (2')	Total/NA	Solid	8021B	84262
880-45309-1 MSD	CS-1 (2')	Total/NA	Solid	8021B	84262

Prep Batch: 84166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-84166/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 84249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-28	SW-12 (2')	Total/NA	Solid	5035	
MB 880-84249/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-84249/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-84249/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-45288-A-6-B MS	Matrix Spike	Total/NA	Solid	5035	
880-45288-A-6-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 84259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-19	SW-3 (2')	Total/NA	Solid	5035	
880-45309-20	SW-4 (0.5')	Total/NA	Solid	5035	
880-45309-29	SW-13 (2.5')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 84259 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-30	SW-14 (2.5')	Total/NA	Solid	5035	
880-45309-31	SW-15 (2')	Total/NA	Solid	5035	
880-45309-32	SW-16 (4.5')	Total/NA	Solid	5035	
MB 880-84259/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-84259/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-84259/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-45309-19 MS	SW-3 (2')	Total/NA	Solid	5035	
880-45309-19 MSD	SW-3 (2')	Total/NA	Solid	5035	

Analysis Batch: 84260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-28	SW-12 (2')	Total/NA	Solid	8021B	84249
MB 880-84249/5-A	Method Blank	Total/NA	Solid	8021B	84249
LCS 880-84249/1-A	Lab Control Sample	Total/NA	Solid	8021B	84249
LCSD 880-84249/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	84249
880-45288-A-6-B MS	Matrix Spike	Total/NA	Solid	8021B	84249
880-45288-A-6-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	84249

Prep Batch: 84262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-1	CS-1 (2')	Total/NA	Solid	5035	
880-45309-2	CS-2 (2')	Total/NA	Solid	5035	
880-45309-3	CS-3 (1.5')	Total/NA	Solid	5035	
880-45309-4	CS-4 (1.5')	Total/NA	Solid	5035	
880-45309-5	CS-5 (1.5')	Total/NA	Solid	5035	
880-45309-6	CS-6 (4.5')	Total/NA	Solid	5035	
880-45309-7	CS-7 (4.5')	Total/NA	Solid	5035	
880-45309-8	CS-8 (4.5')	Total/NA	Solid	5035	
880-45309-9	CS-9 (4.5')	Total/NA	Solid	5035	
880-45309-10	CS-10 (4.5')	Total/NA	Solid	5035	
880-45309-11	CS-11 (4.5')	Total/NA	Solid	5035	
MB 880-84262/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-84262/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-84262/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-45309-1 MS	CS-1 (2')	Total/NA	Solid	5035	
880-45309-1 MSD	CS-1 (2')	Total/NA	Solid	5035	

Prep Batch: 84269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-21	SW-5 (1.5')	Total/NA	Solid	5035	
880-45309-22	SW-6 (1.5')	Total/NA	Solid	5035	
880-45309-23	SW-7 (3')	Total/NA	Solid	5035	
880-45309-24	SW-8 (4.5')	Total/NA	Solid	5035	
880-45309-25	SW-9 (4.5')	Total/NA	Solid	5035	
880-45309-26	SW-10 (4.5')	Total/NA	Solid	5035	
880-45309-27	SW-11 (4.5')	Total/NA	Solid	5035	
MB 880-84269/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-84269/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-84269/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-45309-21 MS	SW-5 (1.5')	Total/NA	Solid	5035	
880-45309-21 MSD	SW-5 (1.5')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 84303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-12	CS-12 (4.5')	Total/NA	Solid	5035	
880-45309-13	CS-13 (4.5')	Total/NA	Solid	5035	
880-45309-14	CS-14 (2.5')	Total/NA	Solid	5035	
880-45309-15	CS-15 (2.5')	Total/NA	Solid	5035	
MB 880-84303/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-84303/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-84303/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-45309-12 MS	CS-12 (4.5')	Total/NA	Solid	5035	

Analysis Batch: 84305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-19	SW-3 (2')	Total/NA	Solid	8021B	84259
880-45309-20	SW-4 (0.5')	Total/NA	Solid	8021B	84259
880-45309-29	SW-13 (2.5')	Total/NA	Solid	8021B	84259
880-45309-30	SW-14 (2.5')	Total/NA	Solid	8021B	84259
880-45309-31	SW-15 (2')	Total/NA	Solid	8021B	84259
880-45309-32	SW-16 (4.5')	Total/NA	Solid	8021B	84259
MB 880-84259/5-A	Method Blank	Total/NA	Solid	8021B	84259
LCS 880-84259/1-A	Lab Control Sample	Total/NA	Solid	8021B	84259
LCSD 880-84259/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	84259
880-45309-19 MS	SW-3 (2')	Total/NA	Solid	8021B	84259
880-45309-19 MSD	SW-3 (2')	Total/NA	Solid	8021B	84259

Analysis Batch: 84306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-12	CS-12 (4.5')	Total/NA	Solid	8021B	84303
880-45309-13	CS-13 (4.5')	Total/NA	Solid	8021B	84303
880-45309-14	CS-14 (2.5')	Total/NA	Solid	8021B	84303
880-45309-15	CS-15 (2.5')	Total/NA	Solid	8021B	84303
MB 880-84303/5-A	Method Blank	Total/NA	Solid	8021B	84303
LCS 880-84303/1-A	Lab Control Sample	Total/NA	Solid	8021B	84303
LCSD 880-84303/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	84303
880-45309-12 MS	CS-12 (4.5')	Total/NA	Solid	8021B	84303

Analysis Batch: 84308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-16	CS-16 (4.5')	Total/NA	Solid	8021B	84312
880-45309-17	SW-1 (2')	Total/NA	Solid	8021B	84312
880-45309-18	SW-2 (2')	Total/NA	Solid	8021B	84312
MB 880-84312/5-A	Method Blank	Total/NA	Solid	8021B	84312
LCS 880-84312/1-A	Lab Control Sample	Total/NA	Solid	8021B	84312
LCSD 880-84312/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	84312
880-45318-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	84312
880-45318-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	84312

Prep Batch: 84312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-16	CS-16 (4.5')	Total/NA	Solid	5035	
880-45309-17	SW-1 (2')	Total/NA	Solid	5035	
880-45309-18	SW-2 (2')	Total/NA	Solid	5035	
MB 880-84312/5-A	Method Blank	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 84312 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-84312/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-84312/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-45318-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-45318-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 84318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-1	CS-1 (2')	Total/NA	Solid	Total BTEX	
880-45309-2	CS-2 (2')	Total/NA	Solid	Total BTEX	
880-45309-3	CS-3 (1.5')	Total/NA	Solid	Total BTEX	
880-45309-4	CS-4 (1.5')	Total/NA	Solid	Total BTEX	
880-45309-5	CS-5 (1.5')	Total/NA	Solid	Total BTEX	
880-45309-6	CS-6 (4.5')	Total/NA	Solid	Total BTEX	
880-45309-7	CS-7 (4.5')	Total/NA	Solid	Total BTEX	
880-45309-8	CS-8 (4.5')	Total/NA	Solid	Total BTEX	
880-45309-9	CS-9 (4.5')	Total/NA	Solid	Total BTEX	
880-45309-10	CS-10 (4.5')	Total/NA	Solid	Total BTEX	
880-45309-11	CS-11 (4.5')	Total/NA	Solid	Total BTEX	
880-45309-12	CS-12 (4.5')	Total/NA	Solid	Total BTEX	
880-45309-13	CS-13 (4.5')	Total/NA	Solid	Total BTEX	
880-45309-14	CS-14 (2.5')	Total/NA	Solid	Total BTEX	
880-45309-15	CS-15 (2.5')	Total/NA	Solid	Total BTEX	
880-45309-16	CS-16 (4.5')	Total/NA	Solid	Total BTEX	
880-45309-17	SW-1 (2')	Total/NA	Solid	Total BTEX	
880-45309-18	SW-2 (2')	Total/NA	Solid	Total BTEX	
880-45309-19	SW-3 (2')	Total/NA	Solid	Total BTEX	
880-45309-20	SW-4 (0.5')	Total/NA	Solid	Total BTEX	
880-45309-21	SW-5 (1.5')	Total/NA	Solid	Total BTEX	
880-45309-22	SW-6 (1.5')	Total/NA	Solid	Total BTEX	
880-45309-23	SW-7 (3')	Total/NA	Solid	Total BTEX	
880-45309-24	SW-8 (4.5')	Total/NA	Solid	Total BTEX	
880-45309-25	SW-9 (4.5')	Total/NA	Solid	Total BTEX	
880-45309-26	SW-10 (4.5')	Total/NA	Solid	Total BTEX	
880-45309-27	SW-11 (4.5')	Total/NA	Solid	Total BTEX	
880-45309-28	SW-12 (2')	Total/NA	Solid	Total BTEX	
880-45309-29	SW-13 (2.5')	Total/NA	Solid	Total BTEX	
880-45309-30	SW-14 (2.5')	Total/NA	Solid	Total BTEX	
880-45309-31	SW-15 (2')	Total/NA	Solid	Total BTEX	
880-45309-32	SW-16 (4.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 84152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-20	SW-4 (0.5')	Total/NA	Solid	8015B NM	84266
880-45309-21	SW-5 (1.5')	Total/NA	Solid	8015B NM	84266
880-45309-22	SW-6 (1.5')	Total/NA	Solid	8015B NM	84266
880-45309-23	SW-7 (3')	Total/NA	Solid	8015B NM	84266
880-45309-24	SW-8 (4.5')	Total/NA	Solid	8015B NM	84266
880-45309-25	SW-9 (4.5')	Total/NA	Solid	8015B NM	84266
880-45309-26	SW-10 (4.5')	Total/NA	Solid	8015B NM	84266

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 84152 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-27	SW-11 (4.5')	Total/NA	Solid	8015B NM	84266
880-45309-28	SW-12 (2')	Total/NA	Solid	8015B NM	84266
880-45309-29	SW-13 (2.5')	Total/NA	Solid	8015B NM	84266
880-45309-30	SW-14 (2.5')	Total/NA	Solid	8015B NM	84266
880-45309-31	SW-15 (2')	Total/NA	Solid	8015B NM	84266
880-45309-32	SW-16 (4.5')	Total/NA	Solid	8015B NM	84266
MB 880-84266/1-A	Method Blank	Total/NA	Solid	8015B NM	84266
LCS 880-84266/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	84266
LCSD 880-84266/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	84266
880-45292-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	84266
880-45292-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	84266

Analysis Batch: 84155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-1	CS-1 (2')	Total/NA	Solid	8015B NM	84268
880-45309-2	CS-2 (2')	Total/NA	Solid	8015B NM	84268
880-45309-3	CS-3 (1.5')	Total/NA	Solid	8015B NM	84268
880-45309-4	CS-4 (1.5')	Total/NA	Solid	8015B NM	84268
880-45309-5	CS-5 (1.5')	Total/NA	Solid	8015B NM	84268
880-45309-6	CS-6 (4.5')	Total/NA	Solid	8015B NM	84268
880-45309-7	CS-7 (4.5')	Total/NA	Solid	8015B NM	84268
880-45309-8	CS-8 (4.5')	Total/NA	Solid	8015B NM	84268
880-45309-9	CS-9 (4.5')	Total/NA	Solid	8015B NM	84268
880-45309-10	CS-10 (4.5')	Total/NA	Solid	8015B NM	84268
880-45309-11	CS-11 (4.5')	Total/NA	Solid	8015B NM	84268
880-45309-12	CS-12 (4.5')	Total/NA	Solid	8015B NM	84268
880-45309-13	CS-13 (4.5')	Total/NA	Solid	8015B NM	84268
880-45309-14	CS-14 (2.5')	Total/NA	Solid	8015B NM	84268
880-45309-15	CS-15 (2.5')	Total/NA	Solid	8015B NM	84268
880-45309-16	CS-16 (4.5')	Total/NA	Solid	8015B NM	84268
880-45309-17	SW-1 (2')	Total/NA	Solid	8015B NM	84268
880-45309-18	SW-2 (2')	Total/NA	Solid	8015B NM	84268
880-45309-19	SW-3 (2')	Total/NA	Solid	8015B NM	84268
MB 880-84268/1-A	Method Blank	Total/NA	Solid	8015B NM	84268
LCS 880-84268/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	84268
LCSD 880-84268/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	84268
880-45296-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	84268
880-45296-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	84268

Prep Batch: 84266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-20	SW-4 (0.5')	Total/NA	Solid	8015NM Prep	
880-45309-21	SW-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-45309-22	SW-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-45309-23	SW-7 (3')	Total/NA	Solid	8015NM Prep	
880-45309-24	SW-8 (4.5')	Total/NA	Solid	8015NM Prep	
880-45309-25	SW-9 (4.5')	Total/NA	Solid	8015NM Prep	
880-45309-26	SW-10 (4.5')	Total/NA	Solid	8015NM Prep	
880-45309-27	SW-11 (4.5')	Total/NA	Solid	8015NM Prep	
880-45309-28	SW-12 (2')	Total/NA	Solid	8015NM Prep	
880-45309-29	SW-13 (2.5')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 84266 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-30	SW-14 (2.5')	Total/NA	Solid	8015NM Prep	
880-45309-31	SW-15 (2')	Total/NA	Solid	8015NM Prep	
880-45309-32	SW-16 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-84266/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-84266/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-84266/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-45292-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-45292-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 84268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-1	CS-1 (2')	Total/NA	Solid	8015NM Prep	
880-45309-2	CS-2 (2')	Total/NA	Solid	8015NM Prep	
880-45309-3	CS-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-45309-4	CS-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-45309-5	CS-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-45309-6	CS-6 (4.5')	Total/NA	Solid	8015NM Prep	
880-45309-7	CS-7 (4.5')	Total/NA	Solid	8015NM Prep	
880-45309-8	CS-8 (4.5')	Total/NA	Solid	8015NM Prep	
880-45309-9	CS-9 (4.5')	Total/NA	Solid	8015NM Prep	
880-45309-10	CS-10 (4.5')	Total/NA	Solid	8015NM Prep	
880-45309-11	CS-11 (4.5')	Total/NA	Solid	8015NM Prep	
880-45309-12	CS-12 (4.5')	Total/NA	Solid	8015NM Prep	
880-45309-13	CS-13 (4.5')	Total/NA	Solid	8015NM Prep	
880-45309-14	CS-14 (2.5')	Total/NA	Solid	8015NM Prep	
880-45309-15	CS-15 (2.5')	Total/NA	Solid	8015NM Prep	
880-45309-16	CS-16 (4.5')	Total/NA	Solid	8015NM Prep	
880-45309-17	SW-1 (2')	Total/NA	Solid	8015NM Prep	
880-45309-18	SW-2 (2')	Total/NA	Solid	8015NM Prep	
880-45309-19	SW-3 (2')	Total/NA	Solid	8015NM Prep	
MB 880-84268/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-84268/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-84268/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-45296-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-45296-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 84301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-1	CS-1 (2')	Total/NA	Solid	8015 NM	
880-45309-2	CS-2 (2')	Total/NA	Solid	8015 NM	
880-45309-3	CS-3 (1.5')	Total/NA	Solid	8015 NM	
880-45309-4	CS-4 (1.5')	Total/NA	Solid	8015 NM	
880-45309-5	CS-5 (1.5')	Total/NA	Solid	8015 NM	
880-45309-6	CS-6 (4.5')	Total/NA	Solid	8015 NM	
880-45309-7	CS-7 (4.5')	Total/NA	Solid	8015 NM	
880-45309-8	CS-8 (4.5')	Total/NA	Solid	8015 NM	
880-45309-9	CS-9 (4.5')	Total/NA	Solid	8015 NM	
880-45309-10	CS-10 (4.5')	Total/NA	Solid	8015 NM	
880-45309-11	CS-11 (4.5')	Total/NA	Solid	8015 NM	
880-45309-12	CS-12 (4.5')	Total/NA	Solid	8015 NM	
880-45309-13	CS-13 (4.5')	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 84301 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-14	CS-14 (2.5')	Total/NA	Solid	8015 NM	
880-45309-15	CS-15 (2.5')	Total/NA	Solid	8015 NM	
880-45309-16	CS-16 (4.5')	Total/NA	Solid	8015 NM	
880-45309-17	SW-1 (2')	Total/NA	Solid	8015 NM	
880-45309-18	SW-2 (2')	Total/NA	Solid	8015 NM	
880-45309-19	SW-3 (2')	Total/NA	Solid	8015 NM	
880-45309-20	SW-4 (0.5')	Total/NA	Solid	8015 NM	
880-45309-21	SW-5 (1.5')	Total/NA	Solid	8015 NM	
880-45309-22	SW-6 (1.5')	Total/NA	Solid	8015 NM	
880-45309-23	SW-7 (3')	Total/NA	Solid	8015 NM	
880-45309-24	SW-8 (4.5')	Total/NA	Solid	8015 NM	
880-45309-25	SW-9 (4.5')	Total/NA	Solid	8015 NM	
880-45309-26	SW-10 (4.5')	Total/NA	Solid	8015 NM	
880-45309-27	SW-11 (4.5')	Total/NA	Solid	8015 NM	
880-45309-28	SW-12 (2')	Total/NA	Solid	8015 NM	
880-45309-29	SW-13 (2.5')	Total/NA	Solid	8015 NM	
880-45309-30	SW-14 (2.5')	Total/NA	Solid	8015 NM	
880-45309-31	SW-15 (2')	Total/NA	Solid	8015 NM	
880-45309-32	SW-16 (4.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 84258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-21	SW-5 (1.5')	Soluble	Solid	DI Leach	
880-45309-22	SW-6 (1.5')	Soluble	Solid	DI Leach	
880-45309-23	SW-7 (3')	Soluble	Solid	DI Leach	
880-45309-24	SW-8 (4.5')	Soluble	Solid	DI Leach	
880-45309-25	SW-9 (4.5')	Soluble	Solid	DI Leach	
880-45309-26	SW-10 (4.5')	Soluble	Solid	DI Leach	
MB 880-84258/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-84258/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-84258/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-45297-A-2-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-45297-A-2-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 84264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-1	CS-1 (2')	Soluble	Solid	DI Leach	
880-45309-2	CS-2 (2')	Soluble	Solid	DI Leach	
880-45309-3	CS-3 (1.5')	Soluble	Solid	DI Leach	
880-45309-4	CS-4 (1.5')	Soluble	Solid	DI Leach	
880-45309-5	CS-5 (1.5')	Soluble	Solid	DI Leach	
880-45309-6	CS-6 (4.5')	Soluble	Solid	DI Leach	
880-45309-7	CS-7 (4.5')	Soluble	Solid	DI Leach	
880-45309-8	CS-8 (4.5')	Soluble	Solid	DI Leach	
880-45309-9	CS-9 (4.5')	Soluble	Solid	DI Leach	
880-45309-10	CS-10 (4.5')	Soluble	Solid	DI Leach	
880-45309-11	CS-11 (4.5')	Soluble	Solid	DI Leach	
880-45309-12	CS-12 (4.5')	Soluble	Solid	DI Leach	
880-45309-13	CS-13 (4.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 84264 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-14	CS-14 (2.5')	Soluble	Solid	DI Leach	
880-45309-15	CS-15 (2.5')	Soluble	Solid	DI Leach	
880-45309-16	CS-16 (4.5')	Soluble	Solid	DI Leach	
880-45309-17	SW-1 (2')	Soluble	Solid	DI Leach	
880-45309-18	SW-2 (2')	Soluble	Solid	DI Leach	
880-45309-19	SW-3 (2')	Soluble	Solid	DI Leach	
880-45309-20	SW-4 (0.5')	Soluble	Solid	DI Leach	
MB 880-84264/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-84264/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-84264/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-45309-1 MS	CS-1 (2')	Soluble	Solid	DI Leach	
880-45309-1 MSD	CS-1 (2')	Soluble	Solid	DI Leach	
880-45309-11 MS	CS-11 (4.5')	Soluble	Solid	DI Leach	
880-45309-11 MSD	CS-11 (4.5')	Soluble	Solid	DI Leach	

Leach Batch: 84265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-27	SW-11 (4.5')	Soluble	Solid	DI Leach	
880-45309-28	SW-12 (2')	Soluble	Solid	DI Leach	
880-45309-29	SW-13 (2.5')	Soluble	Solid	DI Leach	
880-45309-30	SW-14 (2.5')	Soluble	Solid	DI Leach	
880-45309-31	SW-15 (2')	Soluble	Solid	DI Leach	
880-45309-32	SW-16 (4.5')	Soluble	Solid	DI Leach	
MB 880-84265/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-84265/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-84265/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-45309-27 MS	SW-11 (4.5')	Soluble	Solid	DI Leach	
880-45309-27 MSD	SW-11 (4.5')	Soluble	Solid	DI Leach	

Analysis Batch: 84302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-1	CS-1 (2')	Soluble	Solid	300.0	84264
880-45309-2	CS-2 (2')	Soluble	Solid	300.0	84264
880-45309-3	CS-3 (1.5')	Soluble	Solid	300.0	84264
880-45309-4	CS-4 (1.5')	Soluble	Solid	300.0	84264
880-45309-5	CS-5 (1.5')	Soluble	Solid	300.0	84264
880-45309-6	CS-6 (4.5')	Soluble	Solid	300.0	84264
880-45309-7	CS-7 (4.5')	Soluble	Solid	300.0	84264
880-45309-8	CS-8 (4.5')	Soluble	Solid	300.0	84264
880-45309-9	CS-9 (4.5')	Soluble	Solid	300.0	84264
880-45309-10	CS-10 (4.5')	Soluble	Solid	300.0	84264
880-45309-11	CS-11 (4.5')	Soluble	Solid	300.0	84264
880-45309-12	CS-12 (4.5')	Soluble	Solid	300.0	84264
880-45309-13	CS-13 (4.5')	Soluble	Solid	300.0	84264
880-45309-14	CS-14 (2.5')	Soluble	Solid	300.0	84264
880-45309-15	CS-15 (2.5')	Soluble	Solid	300.0	84264
880-45309-16	CS-16 (4.5')	Soluble	Solid	300.0	84264
880-45309-17	SW-1 (2')	Soluble	Solid	300.0	84264
880-45309-18	SW-2 (2')	Soluble	Solid	300.0	84264
880-45309-19	SW-3 (2')	Soluble	Solid	300.0	84264
880-45309-20	SW-4 (0.5')	Soluble	Solid	300.0	84264

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QC Association Summary

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 84302 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-84264/1-A	Method Blank	Soluble	Solid	300.0	84264
LCS 880-84264/2-A	Lab Control Sample	Soluble	Solid	300.0	84264
LCSD 880-84264/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	84264
880-45309-1 MS	CS-1 (2')	Soluble	Solid	300.0	84264
880-45309-1 MSD	CS-1 (2')	Soluble	Solid	300.0	84264
880-45309-11 MS	CS-11 (4.5')	Soluble	Solid	300.0	84264
880-45309-11 MSD	CS-11 (4.5')	Soluble	Solid	300.0	84264

Analysis Batch: 84310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-27	SW-11 (4.5')	Soluble	Solid	300.0	84265
880-45309-28	SW-12 (2')	Soluble	Solid	300.0	84265
880-45309-29	SW-13 (2.5')	Soluble	Solid	300.0	84265
880-45309-30	SW-14 (2.5')	Soluble	Solid	300.0	84265
880-45309-31	SW-15 (2')	Soluble	Solid	300.0	84265
880-45309-32	SW-16 (4.5')	Soluble	Solid	300.0	84265
MB 880-84265/1-A	Method Blank	Soluble	Solid	300.0	84265
LCS 880-84265/2-A	Lab Control Sample	Soluble	Solid	300.0	84265
LCSD 880-84265/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	84265
880-45309-27 MS	SW-11 (4.5')	Soluble	Solid	300.0	84265
880-45309-27 MSD	SW-11 (4.5')	Soluble	Solid	300.0	84265

Analysis Batch: 84311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45309-21	SW-5 (1.5')	Soluble	Solid	300.0	84258
880-45309-22	SW-6 (1.5')	Soluble	Solid	300.0	84258
880-45309-23	SW-7 (3')	Soluble	Solid	300.0	84258
880-45309-24	SW-8 (4.5')	Soluble	Solid	300.0	84258
880-45309-25	SW-9 (4.5')	Soluble	Solid	300.0	84258
880-45309-26	SW-10 (4.5')	Soluble	Solid	300.0	84258
MB 880-84258/1-A	Method Blank	Soluble	Solid	300.0	84258
LCS 880-84258/2-A	Lab Control Sample	Soluble	Solid	300.0	84258
LCSD 880-84258/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	84258
880-45297-A-2-D MS	Matrix Spike	Soluble	Solid	300.0	84258
880-45297-A-2-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	84258

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1 (2')

Lab Sample ID: 880-45309-1

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84262	06/26/24 16:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84161	06/26/24 22:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/26/24 22:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/26/24 21:31	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	84268	06/26/24 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84155	06/26/24 21:31	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	84264	06/26/24 17:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84302	06/27/24 08:20	CH	EET MID

Client Sample ID: CS-2 (2')

Lab Sample ID: 880-45309-2

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84262	06/26/24 16:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84161	06/26/24 23:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/26/24 23:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/26/24 21:52	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84268	06/26/24 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84155	06/26/24 21:52	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	84264	06/26/24 17:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84302	06/27/24 08:36	CH	EET MID

Client Sample ID: CS-3 (1.5')

Lab Sample ID: 880-45309-3

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84262	06/26/24 16:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84161	06/26/24 23:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/26/24 23:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/26/24 22:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	84268	06/26/24 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84155	06/26/24 22:12	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	84264	06/26/24 17:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84302	06/27/24 08:41	CH	EET MID

Client Sample ID: CS-4 (1.5')

Lab Sample ID: 880-45309-4

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84262	06/26/24 16:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84161	06/26/24 23:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/26/24 23:54	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: CS-4 (1.5')

Lab Sample ID: 880-45309-4

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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			84301	06/26/24 22:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84268	06/26/24 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84155	06/26/24 22:33	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	84264	06/26/24 17:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84302	06/27/24 08:46	CH	EET MID

Client Sample ID: CS-5 (1.5')

Lab Sample ID: 880-45309-5

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84262	06/26/24 16:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84161	06/27/24 00:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/27/24 00:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/26/24 22:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	84268	06/26/24 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84155	06/26/24 22:53	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	84264	06/26/24 17:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84302	06/27/24 08:51	CH	EET MID

Client Sample ID: CS-6 (4.5')

Lab Sample ID: 880-45309-6

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84262	06/26/24 16:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84161	06/27/24 00:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/27/24 00:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/26/24 23:14	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	84268	06/26/24 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84155	06/26/24 23:14	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	84264	06/26/24 17:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84302	06/27/24 09:06	CH	EET MID

Client Sample ID: CS-7 (4.5')

Lab Sample ID: 880-45309-7

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84262	06/26/24 16:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84161	06/27/24 00:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/27/24 00:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/26/24 23:34	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84268	06/26/24 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84155	06/26/24 23:34	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: CS-7 (4.5')

Lab Sample ID: 880-45309-7

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	84264	06/26/24 17:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84302	06/27/24 09:11	CH	EET MID

Client Sample ID: CS-8 (4.5')

Lab Sample ID: 880-45309-8

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84262	06/26/24 16:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84161	06/27/24 01:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/27/24 01:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/26/24 23:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	84268	06/26/24 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84155	06/26/24 23:54	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	84264	06/26/24 17:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84302	06/27/24 09:16	CH	EET MID

Client Sample ID: CS-9 (4.5')

Lab Sample ID: 880-45309-9

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84262	06/26/24 16:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84161	06/27/24 01:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/27/24 01:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/27/24 00:15	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84268	06/26/24 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84155	06/27/24 00:15	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	84264	06/26/24 17:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84302	06/27/24 09:21	CH	EET MID

Client Sample ID: CS-10 (4.5')

Lab Sample ID: 880-45309-10

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84262	06/26/24 16:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84161	06/27/24 01:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/27/24 01:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/27/24 00:55	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	84268	06/26/24 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84155	06/27/24 00:55	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	84264	06/26/24 17:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84302	06/27/24 09:26	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: CS-11 (4.5')

Lab Sample ID: 880-45309-11

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84262	06/26/24 16:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84161	06/27/24 03:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/27/24 03:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/27/24 01:16	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84268	06/26/24 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84155	06/27/24 01:16	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	84264	06/26/24 17:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84302	06/27/24 09:31	CH	EET MID

Client Sample ID: CS-12 (4.5')

Lab Sample ID: 880-45309-12

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84303	06/27/24 08:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84306	06/27/24 11:55	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/27/24 11:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/27/24 01:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	84268	06/26/24 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84155	06/27/24 01:36	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	84264	06/26/24 17:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84302	06/27/24 09:46	CH	EET MID

Client Sample ID: CS-13 (4.5')

Lab Sample ID: 880-45309-13

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84303	06/27/24 08:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84306	06/27/24 12:15	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/27/24 12:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/27/24 01:56	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	84268	06/26/24 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84155	06/27/24 01:56	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	84264	06/26/24 17:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84302	06/27/24 09:51	CH	EET MID

Client Sample ID: CS-14 (2.5')

Lab Sample ID: 880-45309-14

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84303	06/27/24 08:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84306	06/27/24 12:36	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/27/24 12:36	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: CS-14 (2.5')
Date Collected: 06/26/24 00:00
Date Received: 06/26/24 16:56

Lab Sample ID: 880-45309-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			84301	06/27/24 02:17	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84268	06/26/24 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84155	06/27/24 02:17	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	84264	06/26/24 17:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84302	06/27/24 10:06	CH	EET MID

Client Sample ID: CS-15 (2.5')
Date Collected: 06/26/24 00:00
Date Received: 06/26/24 16:56

Lab Sample ID: 880-45309-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	84303	06/27/24 08:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84306	06/27/24 14:09	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/27/24 14:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/27/24 02:35	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84268	06/26/24 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84155	06/27/24 02:35	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	84264	06/26/24 17:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84302	06/27/24 10:11	CH	EET MID

Client Sample ID: CS-16 (4.5')
Date Collected: 06/26/24 00:00
Date Received: 06/26/24 16:56

Lab Sample ID: 880-45309-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	84312	06/27/24 08:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84308	06/27/24 14:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/27/24 14:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/27/24 03:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	84268	06/26/24 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84155	06/27/24 03:43	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	84264	06/26/24 17:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84302	06/27/24 10:16	CH	EET MID

Client Sample ID: SW-1 (2')
Date Collected: 06/26/24 00:00
Date Received: 06/26/24 16:56

Lab Sample ID: 880-45309-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	84312	06/27/24 08:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84308	06/27/24 14:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/27/24 14:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/27/24 04:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84268	06/26/24 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84155	06/27/24 04:03	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: SW-1 (2')

Lab Sample ID: 880-45309-17

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	84264	06/26/24 17:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84302	06/27/24 10:21	CH	EET MID

Client Sample ID: SW-2 (2')

Lab Sample ID: 880-45309-18

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84312	06/27/24 08:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84308	06/27/24 15:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/27/24 15:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/27/24 04:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	84268	06/26/24 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84155	06/27/24 04:23	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	84264	06/26/24 17:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84302	06/27/24 10:26	CH	EET MID

Client Sample ID: SW-3 (2')

Lab Sample ID: 880-45309-19

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84259	06/27/24 08:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84305	06/27/24 13:17	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/27/24 13:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/27/24 04:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84268	06/26/24 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84155	06/27/24 04:44	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	84264	06/26/24 17:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84302	06/27/24 10:31	CH	EET MID

Client Sample ID: SW-4 (0.5')

Lab Sample ID: 880-45309-20

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84259	06/27/24 08:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84305	06/27/24 13:38	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/27/24 13:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/26/24 23:14	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84266	06/26/24 16:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84152	06/26/24 23:14	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	84264	06/26/24 17:28	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84302	06/27/24 10:36	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: SW-5 (1.5')
Date Collected: 06/26/24 00:00
Date Received: 06/26/24 16:56

Lab Sample ID: 880-45309-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	84269	06/26/24 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	83904	06/26/24 20:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/26/24 20:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/26/24 23:34	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84266	06/26/24 16:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84152	06/26/24 23:34	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	84258	06/26/24 17:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84311	06/27/24 15:18	CH	EET MID

Client Sample ID: SW-6 (1.5')
Date Collected: 06/26/24 00:00
Date Received: 06/26/24 16:56

Lab Sample ID: 880-45309-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	84269	06/26/24 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	83904	06/26/24 20:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/26/24 20:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/26/24 23:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84266	06/26/24 16:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84152	06/26/24 23:54	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	84258	06/26/24 17:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84311	06/27/24 15:23	CH	EET MID

Client Sample ID: SW-7 (3')
Date Collected: 06/26/24 00:00
Date Received: 06/26/24 16:56

Lab Sample ID: 880-45309-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	84269	06/26/24 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	83904	06/26/24 21:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/26/24 21:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/27/24 00:15	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	84266	06/26/24 16:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84152	06/27/24 00:15	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	84258	06/26/24 17:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84311	06/27/24 15:29	CH	EET MID

Client Sample ID: SW-8 (4.5')
Date Collected: 06/26/24 00:00
Date Received: 06/26/24 16:56

Lab Sample ID: 880-45309-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	84269	06/26/24 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	83904	06/26/24 21:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/26/24 21:36	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: SW-8 (4.5')

Lab Sample ID: 880-45309-24

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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			84301	06/27/24 00:55	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	84266	06/26/24 16:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84152	06/27/24 00:55	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	84258	06/26/24 17:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84311	06/27/24 15:34	CH	EET MID

Client Sample ID: SW-9 (4.5')

Lab Sample ID: 880-45309-25

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84269	06/26/24 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	83904	06/26/24 22:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/26/24 22:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/27/24 01:16	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84266	06/26/24 16:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84152	06/27/24 01:16	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	84258	06/26/24 17:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84311	06/27/24 15:39	CH	EET MID

Client Sample ID: SW-10 (4.5')

Lab Sample ID: 880-45309-26

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84269	06/26/24 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	83904	06/26/24 22:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/26/24 22:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/27/24 01:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	84266	06/26/24 16:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84152	06/27/24 01:36	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	84258	06/26/24 17:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84311	06/27/24 15:44	CH	EET MID

Client Sample ID: SW-11 (4.5')

Lab Sample ID: 880-45309-27

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84269	06/26/24 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	83904	06/26/24 22:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/26/24 22:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/27/24 01:56	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84266	06/26/24 16:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84152	06/27/24 01:56	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: SW-11 (4.5')

Lab Sample ID: 880-45309-27

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84265	06/26/24 17:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84310	06/27/24 12:09	CH	EET MID

Client Sample ID: SW-12 (2')

Lab Sample ID: 880-45309-28

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84249	06/26/24 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84260	06/27/24 02:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/27/24 02:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/27/24 02:17	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84266	06/26/24 16:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84152	06/27/24 02:17	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	84265	06/26/24 17:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84310	06/27/24 12:15	CH	EET MID

Client Sample ID: SW-13 (2.5')

Lab Sample ID: 880-45309-29

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84259	06/27/24 08:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84305	06/27/24 13:58	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/27/24 13:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/27/24 02:35	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	84266	06/26/24 16:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84152	06/27/24 02:35	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	84265	06/26/24 17:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84310	06/27/24 10:39	CH	EET MID

Client Sample ID: SW-14 (2.5')

Lab Sample ID: 880-45309-30

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84259	06/27/24 08:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84305	06/27/24 14:19	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/27/24 14:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/27/24 03:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	84266	06/26/24 16:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84152	06/27/24 03:43	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	84265	06/26/24 17:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84310	06/27/24 10:44	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Client Sample ID: SW-15 (2')

Lab Sample ID: 880-45309-31

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84259	06/27/24 08:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84305	06/27/24 14:39	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/27/24 14:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/27/24 04:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84266	06/26/24 16:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84152	06/27/24 04:03	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	84265	06/26/24 17:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84310	06/27/24 10:50	CH	EET MID

Client Sample ID: SW-16 (4.5')

Lab Sample ID: 880-45309-32

Date Collected: 06/26/24 00:00

Matrix: Solid

Date Received: 06/26/24 16:56

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	84259	06/27/24 08:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84305	06/27/24 15:00	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			84318	06/27/24 15:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			84301	06/27/24 04:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84266	06/26/24 16:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84152	06/27/24 04:23	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	84265	06/26/24 17:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84310	06/27/24 11:07	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: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-24
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: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Antero new Riser Spill

Job ID: 880-45309-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-45309-1	CS-1 (2')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-2	CS-2 (2')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-3	CS-3 (1.5')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-4	CS-4 (1.5')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-5	CS-5 (1.5')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-6	CS-6 (4.5')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-7	CS-7 (4.5')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-8	CS-8 (4.5')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-9	CS-9 (4.5')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-10	CS-10 (4.5')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-11	CS-11 (4.5')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-12	CS-12 (4.5')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-13	CS-13 (4.5')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-14	CS-14 (2.5')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-15	CS-15 (2.5')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-16	CS-16 (4.5')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-17	SW-1 (2')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-18	SW-2 (2')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-19	SW-3 (2')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-20	SW-4 (0.5')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-21	SW-5 (1.5')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-22	SW-6 (1.5')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-23	SW-7 (3')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-24	SW-8 (4.5')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-25	SW-9 (4.5')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-26	SW-10 (4.5')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-27	SW-11 (4.5')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-28	SW-12 (2')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-29	SW-13 (2.5')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-30	SW-14 (2.5')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-31	SW-15 (2')	Solid	06/26/24 00:00	06/26/24 16:56
880-45309-32	SW-16 (4.5')	Solid	06/26/24 00:00	06/26/24 16:56

Chain of Custody

W



880-45309 Chain of Custody

Page 1 of 4

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 ☐ PRP ☐ Brownfields ☐ RC ☐ Spent ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:		Antero New Riser Spill		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes																						
Project Number:	2233		☐ Routine ☒ Rush	Due Date:	24 Hour														None: NO	DI Water: H ₂ O																					
Project Location:	Lea County, New Mexico																		Cool: Cool	MeOH: Me																					
Sampler's Name:	JM/JR																		<td>HCL: HC</td> <td>HNO₃: HN</td>												HCL: HC	HNO ₃ : HN									
PO #:																															<td>H₂SO₄: H₂</td> <td>NaOH: Na</td>										
SAMPLE RECEIPT			Temp Blank:	Yes ☒ No ☐	Well Ice:	Yes ☒ No ☐													H ₃ PO ₄ : HP																						
Received Intact:			Yes ☐ No ☒	Thermometer ID:	728														NaHSO ₄ : NABIS																						
Cooler Custody Seals:			Yes ☐ No ☒	Correction Factor:	1.1														Na ₂ S ₂ O ₃ : NaSO ₃																						
Sample Custody Seals:			Yes ☐ No ☒	Temperature Reading:	4.3														Zn Acetate+NaOH: Zn																						
Total Containers:				Corrected Temperature:	4.2														NaOH+Ascorbic Acid: SAPC																						
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments																					
.CS-1 (2)		6/26/2024		X		Comp	1	X	X	X																															
.CS-2 (2)		6/26/2024		X		Comp	1	X	X	X																															
.CS-3 (1.5)		6/26/2024		X		Comp	1	X	X	X																															
.CS-4 (1.5)		6/26/2024		X		Comp	1	X	X	X																															
.CS-5 (1.5)		6/26/2024		X		Comp	1	X	X	X																															
.CS-6 (4.5)		6/26/2024		X		Comp	1	X	X	X																															
CS-7 (4.5)		6/26/2024		X		Comp	1	X	X	X																															
CS-8 (4.5)		6/26/2024		X		Comp	1	X	X	X																															
CS-9 (4.5)		6/26/2024		X		Comp	1	X	X	X																															
CS-10 (4.5)		6/26/2024		X		Comp	1	X	X	X																															

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			6/26/2024 16:54

Chain of Custody

Work Order No: 15309

Page 2 of 4

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@eoqresources.com

Work Order Comments	
Program: UST/PT	☐ PRP ☐ Brownfields ☐ RC ☐ Iperfund
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV
Deliverables: EDD	☐ ADAPT ☐ Other:

Project Name:	Antero New Riser Spill		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	2233		☐ Routine	☒ Rush		24 Hour	None: NO	DI Water: H ₂ O												
Project Location:	Lea County, New Mexico		Due Date:			Cool: Cool	MeOH: Me													
Sampler's Name:	JM/JR					HCL: HC	HNO ₃ : HN													
PO #:						H ₂ SO ₄ : H ₂	NaOH: Na													
SAMPLE RECEIPT	Temp Blank:	Yes	No	Well Ice:	Yes	No	H ₃ PO ₄ : HP													
Received Inact:	Yes	No	Thermometer ID:			NaHSO ₄ : NABIS														
Cooler Custody Seals:	Yes	No	Correction Factor:			Na ₂ S ₂ O ₃ : NaSO ₃														
Sample Custody Seals:	Yes	No	Temperature Reading:			Zn Acetate+NaOH: Zn														
Total Containers:			Corrected Temperature:			NaOH+Ascorbic Acid: SAPC														
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B												Sample Comments	
CS-11 (4.5')	6/26/2024		X		Comp	1	X	X	X											
CS-12 (4.5')	6/26/2024		X		Comp	1	X	X	X											
CS-13 (4.5')	6/26/2024		X		Comp	1	X	X	X											
CS-14 (2.5')	6/26/2024		X		Comp	1	X	X	X											
CS-15 (2.5')	6/26/2024		X		Comp	1	X	X	X											
CS-16 (4.5')	6/26/2024		X		Comp	1	X	X	X											
SW-1 (2')	6/26/2024		X		Comp	1	X	X	X											
SW-2 (2')	6/26/2024		X		Comp	1	X	X	X											
SW-3 (2')	6/26/2024		X		Comp	1	X	X	X											
SW-4 (0.5')	6/26/2024		X		Comp	1	X	X	X											

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			07/26/2024

Chain of Custody

Work Order No: 45309

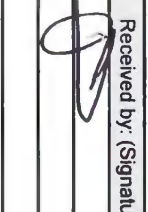
Page 3 of 4

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 ☐ PRP ☐ ROWfields ☐ IRC ☐ Jperfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	Antero New Riser Spill		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	2233		☐ Routine	☒ Rush		24 Hour	None: NO	DI Water: H ₂ O											
Project Location:	Lea County, New Mexico		Due Date:			Cool: Cool	MeOH: Me												
Sampler's Name:	JM/JR					HCL: HC	HNO ₃ : HN												
PO #:						H ₂ SO ₄ : H ₂	NaOH: Na												
SAMPLE RECEIPT			Temp Blank:	Yes No	Well Ice:	Yes No	H ₃ PO ₄ : HP												
Received Intact:	Yes No	Thermometer ID:				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:				Zn Acetate+NaOH: Zn													
Total Containers:			Corrected Temperature:			NaOH+Ascorbic Acid: SAPC													
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Sample Comments												
SW-5 (1.5')	6/26/2024		X		Comp	1	X	X	X										
SW-6 (1.5')	6/26/2024		X		Comp	1	X	X	X										
SW-7 (3')	6/26/2024		X		Comp	1	X	X	X										
SW-8 (4.5')	6/26/2024		X		Comp	1	X	X	X										
SW-9 (4.5')	6/26/2024		X		Comp	1	X	X	X										
SW-10 (4.5')	6/26/2024		X		Comp	1	X	X	X										
SW-11 (4.5')	6/26/2024		X		Comp	1	X	X	X										
SW-12 (2')	6/26/2024		X		Comp	1	X	X	X										
SW-13 (2.5')	6/26/2024		X		Comp	1	X	X	X										
SW-14 (2.5')	6/26/2024		X		Comp	1	X	X	X										

Comments: Email to Mike Carmona / Mccarmona@carmonareresources.com and Conner Moehring / Cmoehring@carmonareresources.com

Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time
					06/26/24 1055

Chain of Custody

Work Order No:

5057

Page 4 of 4

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmora 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	☐ PRP	☐ Downfields	☐ RRC	☐ perfund
State of Project:					
Reporting Level II	☐	Level III	☐	ST/UST	☐ RRP
Deliverables:	EDD	☐	Adapt	☐	Other: ☐

[illegible]

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

[illegible]

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-45309-1

SDG Number: Lea County, New Mexico

Login Number: 45309

List Number: 1

List Source: Eurofins Midland

Creator: Vasquez, Julisa

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



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 7/1/2024 11:58:58 AM

JOB DESCRIPTION

Antero New Riser Spill
Lea County, New Mexico

JOB NUMBER

880-45369-1

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
7/1/2024 11:58:58 AM

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

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Laboratory Job ID: 880-45369-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
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: Antero New Riser Spill

Job ID: 880-45369-1

Job ID: 880-45369-1

Eurofins Midland

Job Narrative
880-45369-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The samples were received on 6/28/2024 8:00 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 1.0°C.

Receipt Exceptions

The following were received and analyzed from an unpreserved bulk soil jar: CS-17 (3.5) (880-45369-1), CS-18 (3.5) (880-45369-2), CS-19 (4.5) (880-45369-3), CS-20 (4.5) (880-45369-4), CS-21 (4.5) (880-45369-5), CS-22 (4.5) (880-45369-6), CS-23 (4.5) (880-45369-7), CS-24 (1.5) (880-45369-8), CS-25 (1.5) (880-45369-9), CS-26 (1.5) (880-45369-10), CS-27 (1.5) (880-45369-11), SW-17 (3.5) (880-45369-12), SW-18 (3.5) (880-45369-13), SW-19 (1') (880-45369-14), SW-20 (4.5) (880-45369-15), SW-21 (4.5) (880-45369-16), SW-22 (4.5) (880-45369-17), SW-23 (4.5) (880-45369-18), SW-24 (1') (880-45369-19), SW-25 (1.5) (880-45369-20), SW-26 (1.5) (880-45369-21), SW-27 (1.5) (880-45369-22), SW-28 (1.5) (880-45369-23), SW-29 (1.5) (880-45369-24), SW-30 (1.5) (880-45369-25), SW-31 (1.5) (880-45369-26) and SW-32 (1.5) (880-45369-27).

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-84453 and analytical batch 880-84442 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-27 (1.5) (880-45369-11), SW-17 (3.5) (880-45369-12), (880-45369-A-11-B MS) and (880-45369-A-11-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-21 (4.5) (880-45369-16), SW-24 (1') (880-45369-19), SW-26 (1.5) (880-45369-21), SW-27 (1.5) (880-45369-22), SW-28 (1.5) (880-45369-23), SW-29 (1.5) (880-45369-24), SW-30 (1.5) (880-45369-25) and SW-31 (1.5) (880-45369-26). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-84453 and analytical batch 880-84442 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-84452 and analytical batch 880-84435 was outside the upper control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-84452 and analytical batch 880-84435 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Antero New Riser Spill

Job ID: 880-45369-1

Job ID: 880-45369-1 (Continued)

Eurofins Midland

880-84455 and analytical batch 880-84503 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.

The associated samples are: CS-17 (3.5') (880-45369-1), CS-18 (3.5') (880-45369-2), CS-19 (4.5') (880-45369-3), CS-20 (4.5') (880-45369-4), CS-21 (4.5') (880-45369-5), CS-22 (4.5') (880-45369-6), CS-23 (4.5') (880-45369-7), CS-24 (1.5') (880-45369-8), CS-25 (1.5') (880-45369-9), CS-26 (1.5') (880-45369-10), (880-45369-A-1-C MS) and (880-45369-A-1-D MSD).

Method 300_ORGFM_28D - Soluble: TheChloride matrix spike (MS) recoveries for preparation batch 880-84456 and analytical batch 880-84501 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

The associated samples are: CS-27 (1.5') (880-45369-11), SW-17 (3.5') (880-45369-12), SW-18 (3.5') (880-45369-13), SW-20 (4.5') (880-45369-15), SW-21 (4.5') (880-45369-16), SW-22 (4.5') (880-45369-17), SW-23 (4.5') (880-45369-18), SW-24 (1') (880-45369-19), SW-25 (1.5') (880-45369-20) and (880-45369-A-11-E MS).

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: CS-17 (3.5)

Lab Sample ID: 880-45369-1

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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		06/28/24 09:49	06/28/24 11:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/28/24 09:49	06/28/24 11:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/28/24 09:49	06/28/24 11:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/28/24 09:49	06/28/24 11:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/28/24 09:49	06/28/24 11:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/28/24 09:49	06/28/24 11:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	06/28/24 09:49	06/28/24 11:58	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/28/24 09:49	06/28/24 11:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/28/24 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/28/24 15:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/28/24 08:39	06/28/24 15:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/28/24 08:39	06/28/24 15:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/28/24 08:39	06/28/24 15:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	06/28/24 08:39	06/28/24 15:43	1
o-Terphenyl	115		70 - 130	06/28/24 08:39	06/28/24 15:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	211	F1	4.98		mg/Kg			06/29/24 04:11	1

Client Sample ID: CS-18 (3.5)

Lab Sample ID: 880-45369-2

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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		06/28/24 09:49	06/28/24 12:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/28/24 09:49	06/28/24 12:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/28/24 09:49	06/28/24 12:18	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/28/24 09:49	06/28/24 12:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/28/24 09:49	06/28/24 12:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/28/24 09:49	06/28/24 12:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	06/28/24 09:49	06/28/24 12:18	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/28/24 09:49	06/28/24 12:18	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: CS-18 (3.5)
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/28/24 12:18	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.0	U	50.0		mg/Kg			06/28/24 16:04	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/28/24 08:39	06/28/24 16:04	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 08:39	06/28/24 16:04	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 08:39	06/28/24 16:04	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	96		70 - 130				06/28/24 08:39	06/28/24 16:04	1	
o-Terphenyl	99		70 - 130				06/28/24 08:39	06/28/24 16:04	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	176		5.03		mg/Kg			06/29/24 04:29	1	

Client Sample ID: CS-19 (4.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-3
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00202	U	0.00202		mg/Kg		06/28/24 09:49	06/28/24 12:39	1	
Toluene	<0.00202	U	0.00202		mg/Kg		06/28/24 09:49	06/28/24 12:39	1	
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/28/24 09:49	06/28/24 12:39	1	
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/28/24 09:49	06/28/24 12:39	1	
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/28/24 09:49	06/28/24 12:39	1	
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/28/24 09:49	06/28/24 12:39	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	105		70 - 130				06/28/24 09:49	06/28/24 12:39	1	
1,4-Difluorobenzene (Surr)	102		70 - 130				06/28/24 09:49	06/28/24 12:39	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			06/28/24 12:39	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.9	U	49.9		mg/Kg			06/28/24 16:25	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/28/24 08:39	06/28/24 16:25	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/28/24 08:39	06/28/24 16:25	1	

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: CS-19 (4.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-3
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/28/24 08:39	06/28/24 16:25	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	97		70 - 130				06/28/24 08:39	06/28/24 16:25	1	
o-Terphenyl	104		70 - 130				06/28/24 08:39	06/28/24 16:25	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	170		4.98		mg/Kg			06/29/24 04:35	1	

Client Sample ID: CS-20 (4.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-4
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00198	U	0.00198		mg/Kg		06/28/24 09:49	06/28/24 12:59	1	
Toluene	<0.00198	U	0.00198		mg/Kg		06/28/24 09:49	06/28/24 12:59	1	
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/28/24 09:49	06/28/24 12:59	1	
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/28/24 09:49	06/28/24 12:59	1	
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/28/24 09:49	06/28/24 12:59	1	
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/28/24 09:49	06/28/24 12:59	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	105		70 - 130				06/28/24 09:49	06/28/24 12:59	1	
1,4-Difluorobenzene (Surr)	99		70 - 130				06/28/24 09:49	06/28/24 12:59	1	
Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/28/24 12:59	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.8	U	49.8		mg/Kg			06/28/24 16:46	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/28/24 08:39	06/28/24 16:46	1	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 08:39	06/28/24 16:46	1	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 08:39	06/28/24 16:46	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	109		70 - 130				06/28/24 08:39	06/28/24 16:46	1	
o-Terphenyl	112		70 - 130				06/28/24 08:39	06/28/24 16:46	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	23.6		5.04		mg/Kg			06/29/24 13:49	1	

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: CS-21 (4.5')

Lab Sample ID: 880-45369-5

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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		06/28/24 09:49	06/28/24 13:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/28/24 09:49	06/28/24 13:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/28/24 09:49	06/28/24 13:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/28/24 09:49	06/28/24 13:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/28/24 09:49	06/28/24 13:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/28/24 09:49	06/28/24 13:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	06/28/24 09:49	06/28/24 13:20	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/28/24 09:49	06/28/24 13:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/28/24 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/28/24 17:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/28/24 08:39	06/28/24 17:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 08:39	06/28/24 17:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 08:39	06/28/24 17:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	06/28/24 08:39	06/28/24 17:07	1
o-Terphenyl	105		70 - 130	06/28/24 08:39	06/28/24 17:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		4.96		mg/Kg			06/29/24 13:55	1

Client Sample ID: CS-22 (4.5')

Lab Sample ID: 880-45369-6

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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		06/28/24 09:49	06/28/24 13:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 09:49	06/28/24 13:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/28/24 09:49	06/28/24 13:40	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/28/24 09:49	06/28/24 13:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 09:49	06/28/24 13:40	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/28/24 09:49	06/28/24 13:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/28/24 09:49	06/28/24 13:40	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/28/24 09:49	06/28/24 13:40	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: CS-22 (4.5')

Lab Sample ID: 880-45369-6

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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			06/28/24 13:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/28/24 17:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/28/24 08:39	06/28/24 17:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 08:39	06/28/24 17:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 08:39	06/28/24 17:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				06/28/24 08:39	06/28/24 17:27	1
o-Terphenyl	102		70 - 130				06/28/24 08:39	06/28/24 17:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	129		4.98		mg/Kg			06/29/24 14:02	1

Client Sample ID: CS-23 (4.5')

Lab Sample ID: 880-45369-7

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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		06/28/24 09:49	06/28/24 14:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/28/24 09:49	06/28/24 14:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/28/24 09:49	06/28/24 14:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/28/24 09:49	06/28/24 14:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/28/24 09:49	06/28/24 14:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/28/24 09:49	06/28/24 14:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				06/28/24 09:49	06/28/24 14:01	1
1,4-Difluorobenzene (Surr)	102		70 - 130				06/28/24 09:49	06/28/24 14:01	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			06/28/24 14:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/28/24 17:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/28/24 08:39	06/28/24 17:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/28/24 08:39	06/28/24 17:48	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: CS-23 (4.5')

Lab Sample ID: 880-45369-7

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/28/24 08:39	06/28/24 17:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				06/28/24 08:39	06/28/24 17:48	1
o-Terphenyl	106		70 - 130				06/28/24 08:39	06/28/24 17:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	185		5.00		mg/Kg			06/29/24 14:08	1

Client Sample ID: CS-24 (1.5')

Lab Sample ID: 880-45369-8

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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		06/28/24 09:49	06/28/24 14:22	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/28/24 09:49	06/28/24 14:22	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/28/24 09:49	06/28/24 14:22	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/28/24 09:49	06/28/24 14:22	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/28/24 09:49	06/28/24 14:22	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/28/24 09:49	06/28/24 14:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				06/28/24 09:49	06/28/24 14:22	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/28/24 09:49	06/28/24 14:22	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			06/28/24 14:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/28/24 18:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/28/24 08:39	06/28/24 18:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 08:39	06/28/24 18:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 08:39	06/28/24 18:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				06/28/24 08:39	06/28/24 18:09	1
o-Terphenyl	106		70 - 130				06/28/24 08:39	06/28/24 18:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.7		5.02		mg/Kg			06/29/24 14:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: CS-25 (1.5')

Lab Sample ID: 880-45369-9

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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		06/28/24 09:49	06/28/24 14:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 09:49	06/28/24 14:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/28/24 09:49	06/28/24 14:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/28/24 09:49	06/28/24 14:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 09:49	06/28/24 14:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/28/24 09:49	06/28/24 14:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	06/28/24 09:49	06/28/24 14:42	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/28/24 09:49	06/28/24 14:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			06/28/24 14:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/28/24 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/28/24 08:39	06/28/24 18:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 08:39	06/28/24 18:30	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 08:39	06/28/24 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	06/28/24 08:39	06/28/24 18:30	1
o-Terphenyl	107		70 - 130	06/28/24 08:39	06/28/24 18:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.1		5.05		mg/Kg			06/29/24 14:21	1

Client Sample ID: CS-26 (1.5')

Lab Sample ID: 880-45369-10

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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		06/28/24 09:49	06/28/24 15:03	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/28/24 09:49	06/28/24 15:03	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/28/24 09:49	06/28/24 15:03	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/28/24 09:49	06/28/24 15:03	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/28/24 09:49	06/28/24 15:03	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/28/24 09:49	06/28/24 15:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/28/24 09:49	06/28/24 15:03	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/28/24 09:49	06/28/24 15:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: CS-26 (1.5')

Lab Sample ID: 880-45369-10

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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			06/28/24 15:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/28/24 18:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/28/24 08:39	06/28/24 18:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 08:39	06/28/24 18:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 08:39	06/28/24 18:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				06/28/24 08:39	06/28/24 18:51	1
o-Terphenyl	113		70 - 130				06/28/24 08:39	06/28/24 18:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.2		4.96		mg/Kg			06/29/24 14:27	1

Client Sample ID: CS-27 (1.5')

Lab Sample ID: 880-45369-11

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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		06/28/24 09:49	06/28/24 17:05	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/28/24 09:49	06/28/24 17:05	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/28/24 09:49	06/28/24 17:05	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/28/24 09:49	06/28/24 17:05	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/28/24 09:49	06/28/24 17:05	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/28/24 09:49	06/28/24 17:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				06/28/24 09:49	06/28/24 17:05	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/28/24 09:49	06/28/24 17:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			06/28/24 17:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	57.8		50.0		mg/Kg			06/28/24 11:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/28/24 08:42	06/28/24 11:09	1
Diesel Range Organics (Over C10-C28)	57.8	F1	50.0		mg/Kg		06/28/24 08:42	06/28/24 11:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: CS-27 (1.5')

Lab Sample ID: 880-45369-11

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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		06/28/24 08:42	06/28/24 11:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	183	S1+	70 - 130				06/28/24 08:42	06/28/24 11:09	1
o-Terphenyl	197	S1+	70 - 130				06/28/24 08:42	06/28/24 11:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.7	F1	5.03		mg/Kg			06/28/24 20:30	1

Client Sample ID: SW-17 (3.5')

Lab Sample ID: 880-45369-12

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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		06/28/24 09:49	06/28/24 17:26	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/28/24 09:49	06/28/24 17:26	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/28/24 09:49	06/28/24 17:26	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/28/24 09:49	06/28/24 17:26	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/28/24 09:49	06/28/24 17:26	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/28/24 09:49	06/28/24 17:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				06/28/24 09:49	06/28/24 17:26	1
1,4-Difluorobenzene (Surr)	102		70 - 130				06/28/24 09:49	06/28/24 17:26	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			06/28/24 17:26	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			06/28/24 12:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/28/24 08:42	06/28/24 12:10	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/28/24 08:42	06/28/24 12:10	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/28/24 08:42	06/28/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				06/28/24 08:42	06/28/24 12:10	1
o-Terphenyl	136	S1+	70 - 130				06/28/24 08:42	06/28/24 12:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.2		5.03		mg/Kg			06/28/24 20:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: SW-18 (3.5')

Lab Sample ID: 880-45369-13

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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		06/28/24 09:49	06/28/24 17:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 09:49	06/28/24 17:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/28/24 09:49	06/28/24 17:46	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/28/24 09:49	06/28/24 17:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 09:49	06/28/24 17:46	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/28/24 09:49	06/28/24 17:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/28/24 09:49	06/28/24 17:46	1
1,4-Difluorobenzene (Surr)	103		70 - 130	06/28/24 09:49	06/28/24 17:46	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			06/28/24 17:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/28/24 12:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/28/24 08:42	06/28/24 12:30	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/28/24 08:42	06/28/24 12:30	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/28/24 08:42	06/28/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	06/28/24 08:42	06/28/24 12:30	1
o-Terphenyl	120		70 - 130	06/28/24 08:42	06/28/24 12:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.4		5.05		mg/Kg			06/28/24 20:54	1

Client Sample ID: SW-19 (1')

Lab Sample ID: 880-45369-14

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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		06/28/24 09:49	06/28/24 18:07	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/28/24 09:49	06/28/24 18:07	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/28/24 09:49	06/28/24 18:07	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/28/24 09:49	06/28/24 18:07	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/28/24 09:49	06/28/24 18:07	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/28/24 09:49	06/28/24 18:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/28/24 09:49	06/28/24 18:07	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/28/24 09:49	06/28/24 18:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: SW-19 (1')

Lab Sample ID: 880-45369-14

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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			06/28/24 18:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/28/24 12:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/28/24 08:42	06/28/24 12:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 08:42	06/28/24 12:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 08:42	06/28/24 12:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				06/28/24 08:42	06/28/24 12:50	1
o-Terphenyl	96		70 - 130				06/28/24 08:42	06/28/24 12:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	171		4.97		mg/Kg			06/29/24 12:39	1

Client Sample ID: SW-20 (4.5')

Lab Sample ID: 880-45369-15

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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		06/28/24 09:49	06/28/24 18:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 09:49	06/28/24 18:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/28/24 09:49	06/28/24 18:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/28/24 09:49	06/28/24 18:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 09:49	06/28/24 18:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/28/24 09:49	06/28/24 18:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				06/28/24 09:49	06/28/24 18:27	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/28/24 09:49	06/28/24 18:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			06/28/24 18:27	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			06/28/24 13:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/28/24 08:42	06/28/24 13:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 08:42	06/28/24 13:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: SW-20 (4.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-15
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 08:42	06/28/24 13:10	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	77		70 - 130				06/28/24 08:42	06/28/24 13:10	1	
o-Terphenyl	76		70 - 130				06/28/24 08:42	06/28/24 13:10	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	141		4.99		mg/Kg			06/28/24 21:05	1	

Client Sample ID: SW-21 (4.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-16
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00198	U	0.00198		mg/Kg		06/28/24 09:49	06/28/24 18:48	1	
Toluene	<0.00198	U	0.00198		mg/Kg		06/28/24 09:49	06/28/24 18:48	1	
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/28/24 09:49	06/28/24 18:48	1	
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/28/24 09:49	06/28/24 18:48	1	
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/28/24 09:49	06/28/24 18:48	1	
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/28/24 09:49	06/28/24 18:48	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	103		70 - 130				06/28/24 09:49	06/28/24 18:48	1	
1,4-Difluorobenzene (Surr)	101		70 - 130				06/28/24 09:49	06/28/24 18:48	1	
Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/28/24 18:48	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.9	U	49.9		mg/Kg			06/28/24 13:30	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/28/24 08:42	06/28/24 13:30	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/28/24 08:42	06/28/24 13:30	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/28/24 08:42	06/28/24 13:30	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	155	S1+	70 - 130				06/28/24 08:42	06/28/24 13:30	1	
o-Terphenyl	171	S1+	70 - 130				06/28/24 08:42	06/28/24 13:30	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	94.3		5.02		mg/Kg			06/28/24 21:23	1	

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: SW-22 (4.5')

Lab Sample ID: 880-45369-17

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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		06/28/24 09:49	06/28/24 19:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 09:49	06/28/24 19:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/28/24 09:49	06/28/24 19:08	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/28/24 09:49	06/28/24 19:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 09:49	06/28/24 19:08	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/28/24 09:49	06/28/24 19:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/28/24 09:49	06/28/24 19:08	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/28/24 09:49	06/28/24 19:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/28/24 19:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/28/24 13:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/28/24 08:42	06/28/24 13:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 08:42	06/28/24 13:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 08:42	06/28/24 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	06/28/24 08:42	06/28/24 13:50	1
o-Terphenyl	116		70 - 130	06/28/24 08:42	06/28/24 13:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.3		5.00		mg/Kg			06/28/24 21:29	1

Client Sample ID: SW-23 (4.5')

Lab Sample ID: 880-45369-18

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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		06/28/24 09:49	06/28/24 19:29	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/28/24 09:49	06/28/24 19:29	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/28/24 09:49	06/28/24 19:29	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/28/24 09:49	06/28/24 19:29	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/28/24 09:49	06/28/24 19:29	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/28/24 09:49	06/28/24 19:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/28/24 09:49	06/28/24 19:29	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/28/24 09:49	06/28/24 19:29	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: SW-23 (4.5')

Lab Sample ID: 880-45369-18

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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			06/28/24 19:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/28/24 14:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/28/24 08:42	06/28/24 14:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 08:42	06/28/24 14:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 08:42	06/28/24 14:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				06/28/24 08:42	06/28/24 14:10	1
o-Terphenyl	104		70 - 130				06/28/24 08:42	06/28/24 14:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	119		5.05		mg/Kg			06/28/24 21:35	1

Client Sample ID: SW-24 (1')

Lab Sample ID: 880-45369-19

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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		06/28/24 09:49	06/28/24 19:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/28/24 09:49	06/28/24 19:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/28/24 09:49	06/28/24 19:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/28/24 09:49	06/28/24 19:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/28/24 09:49	06/28/24 19:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/28/24 09:49	06/28/24 19:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/28/24 09:49	06/28/24 19:49	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/28/24 09:49	06/28/24 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			06/28/24 19:49	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			06/28/24 14:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/28/24 08:42	06/28/24 14:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 08:42	06/28/24 14:30	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: SW-24 (1') Lab Sample ID: 880-45369-19
Date Collected: 06/27/24 00:00 Matrix: Solid
Date Received: 06/28/24 08:00

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		06/28/24 08:42	06/28/24 14:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	142	S1+	70 - 130				06/28/24 08:42	06/28/24 14:30	1
o-Terphenyl	152	S1+	70 - 130				06/28/24 08:42	06/28/24 14:30	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.2		4.95		mg/Kg			06/28/24 21:41	1

Client Sample ID: SW-25 (1.5') Lab Sample ID: 880-45369-20
Date Collected: 06/27/24 00:00 Matrix: Solid
Date Received: 06/28/24 08:00

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		06/28/24 09:49	06/28/24 20:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/28/24 09:49	06/28/24 20:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/28/24 09:49	06/28/24 20:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/28/24 09:49	06/28/24 20:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/28/24 09:49	06/28/24 20:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/28/24 09:49	06/28/24 20:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				06/28/24 09:49	06/28/24 20:10	1
1,4-Difluorobenzene (Surr)	102		70 - 130				06/28/24 09:49	06/28/24 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			06/28/24 20:10	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/28/24 14:50	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/28/24 08:42	06/28/24 14:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/28/24 08:42	06/28/24 14:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/28/24 08:42	06/28/24 14:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				06/28/24 08:42	06/28/24 14:50	1
o-Terphenyl	122		70 - 130				06/28/24 08:42	06/28/24 14:50	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.4		4.95		mg/Kg			06/28/24 21:47	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: SW-26 (1.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-21
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/28/24 10:07	06/28/24 22:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/28/24 10:07	06/28/24 22:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/28/24 10:07	06/28/24 22:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/28/24 10:07	06/28/24 22:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/28/24 10:07	06/28/24 22:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/28/24 10:07	06/28/24 22:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/28/24 10:07	06/28/24 22:42	1
1,4-Difluorobenzene (Surr)	89		70 - 130				06/28/24 10:07	06/28/24 22:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/28/24 22:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/28/24 15:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/28/24 08:42	06/28/24 15:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 08:42	06/28/24 15:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 08:42	06/28/24 15:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				06/28/24 08:42	06/28/24 15:30	1
o-Terphenyl	135	S1+	70 - 130				06/28/24 08:42	06/28/24 15:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.8		5.04		mg/Kg			06/29/24 12:45	1

Client Sample ID: SW-27 (1.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-22
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:07	06/28/24 23:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:07	06/28/24 23:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:07	06/28/24 23:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/28/24 10:07	06/28/24 23:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:07	06/28/24 23:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/28/24 10:07	06/28/24 23:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				06/28/24 10:07	06/28/24 23:02	1
1,4-Difluorobenzene (Surr)	89		70 - 130				06/28/24 10:07	06/28/24 23:02	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: SW-27 (1.5')

Lab Sample ID: 880-45369-22

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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			06/28/24 23:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/28/24 15:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/28/24 08:42	06/28/24 15:50	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/28/24 08:42	06/28/24 15:50	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/28/24 08:42	06/28/24 15:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				06/28/24 08:42	06/28/24 15:50	1
o-Terphenyl	130		70 - 130				06/28/24 08:42	06/28/24 15:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.1		5.05		mg/Kg			06/28/24 22:10	1

Client Sample ID: SW-28 (1.5')

Lab Sample ID: 880-45369-23

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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		06/28/24 10:07	06/28/24 23:23	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/28/24 10:07	06/28/24 23:23	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/28/24 10:07	06/28/24 23:23	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/28/24 10:07	06/28/24 23:23	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/28/24 10:07	06/28/24 23:23	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/28/24 10:07	06/28/24 23:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/28/24 10:07	06/28/24 23:23	1
1,4-Difluorobenzene (Surr)	89		70 - 130				06/28/24 10:07	06/28/24 23:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			06/28/24 23:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/28/24 16:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/28/24 08:42	06/28/24 16:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 08:42	06/28/24 16:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: SW-28 (1.5')

Lab Sample ID: 880-45369-23

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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		06/28/24 08:42	06/28/24 16:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				06/28/24 08:42	06/28/24 16:11	1
o-Terphenyl	131	S1+	70 - 130				06/28/24 08:42	06/28/24 16:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.0		4.99		mg/Kg			06/28/24 22:16	1

Client Sample ID: SW-29 (1.5')

Lab Sample ID: 880-45369-24

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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		06/28/24 10:07	06/28/24 23:43	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:07	06/28/24 23:43	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:07	06/28/24 23:43	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/28/24 10:07	06/28/24 23:43	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:07	06/28/24 23:43	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/28/24 10:07	06/28/24 23:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/28/24 10:07	06/28/24 23:43	1
1,4-Difluorobenzene (Surr)	89		70 - 130				06/28/24 10:07	06/28/24 23:43	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			06/28/24 23:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/28/24 16:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/28/24 08:42	06/28/24 16:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 08:42	06/28/24 16:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 08:42	06/28/24 16:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				06/28/24 08:42	06/28/24 16:32	1
o-Terphenyl	137	S1+	70 - 130				06/28/24 08:42	06/28/24 16:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			06/29/24 12:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: SW-30 (1.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-25
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:07	06/29/24 00:03	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:07	06/29/24 00:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:07	06/29/24 00:03	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/28/24 10:07	06/29/24 00:03	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:07	06/29/24 00:03	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/28/24 10:07	06/29/24 00:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/28/24 10:07	06/29/24 00:03	1
1,4-Difluorobenzene (Surr)	89		70 - 130				06/28/24 10:07	06/29/24 00:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/29/24 00:03	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/28/24 16:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/28/24 08:42	06/28/24 16:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/28/24 08:42	06/28/24 16:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/28/24 08:42	06/28/24 16:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	143	S1+	70 - 130				06/28/24 08:42	06/28/24 16:54	1
o-Terphenyl	151	S1+	70 - 130				06/28/24 08:42	06/28/24 16:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.3		5.03		mg/Kg			06/29/24 12:58	1

Client Sample ID: SW-31 (1.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-26
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:07	06/29/24 00:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:07	06/29/24 00:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:07	06/29/24 00:24	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/28/24 10:07	06/29/24 00:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:07	06/29/24 00:24	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/28/24 10:07	06/29/24 00:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/28/24 10:07	06/29/24 00:24	1
1,4-Difluorobenzene (Surr)	89		70 - 130				06/28/24 10:07	06/29/24 00:24	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: SW-31 (1.5')

Lab Sample ID: 880-45369-26

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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			06/29/24 00:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/28/24 17:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/28/24 08:42	06/28/24 17:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 08:42	06/28/24 17:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 08:42	06/28/24 17:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				06/28/24 08:42	06/28/24 17:14	1
o-Terphenyl	132	S1+	70 - 130				06/28/24 08:42	06/28/24 17:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.5		4.95		mg/Kg			06/29/24 13:04	1

Client Sample ID: SW-32 (1.5')

Lab Sample ID: 880-45369-27

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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		06/28/24 10:07	06/29/24 00:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/28/24 10:07	06/29/24 00:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/28/24 10:07	06/29/24 00:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/28/24 10:07	06/29/24 00:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/28/24 10:07	06/29/24 00:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/28/24 10:07	06/29/24 00:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/28/24 10:07	06/29/24 00:44	1
1,4-Difluorobenzene (Surr)	90		70 - 130				06/28/24 10:07	06/29/24 00:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/29/24 00:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/28/24 17:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/28/24 08:42	06/28/24 17:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/28/24 08:42	06/28/24 17:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: SW-32 (1.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-27
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/28/24 08:42	06/28/24 17:34	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	94		70 - 130				06/28/24 08:42	06/28/24 17:34	1	
o-Terphenyl	99		70 - 130				06/28/24 08:42	06/28/24 17:34	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	52.1		5.01		mg/Kg			06/29/24 13:11	1	

Surrogate Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
880-45369-1	CS-17 (3.5)	102	101				
880-45369-1 MS	CS-17 (3.5)	108	101				
880-45369-1 MSD	CS-17 (3.5)	108	102				
880-45369-2	CS-18 (3.5)	105	101				
880-45369-3	CS-19 (4.5')	105	102				
880-45369-4	CS-20 (4.5')	105	99				
880-45369-5	CS-21 (4.5')	104	101				
880-45369-6	CS-22 (4.5')	106	100				
880-45369-7	CS-23 (4.5')	104	102				
880-45369-8	CS-24 (1.5')	102	101				
880-45369-9	CS-25 (1.5')	102	100				
880-45369-10	CS-26 (1.5')	106	101				
880-45369-11	CS-27 (1.5')	102	100				
880-45369-12	SW-17 (3.5')	103	102				
880-45369-13	SW-18 (3.5')	106	103				
880-45369-14	SW-19 (1')	103	100				
880-45369-15	SW-20 (4.5')	103	101				
880-45369-16	SW-21 (4.5')	103	101				
880-45369-17	SW-22 (4.5')	106	101				
880-45369-18	SW-23 (4.5')	103	101				
880-45369-19	SW-24 (1')	107	100				
880-45369-20	SW-25 (1.5')	102	102				
880-45369-21	SW-26 (1.5')	105	89				
880-45369-21 MS	SW-26 (1.5')	103	92				
880-45369-21 MSD	SW-26 (1.5')	103	92				
880-45369-22	SW-27 (1.5')	106	89				
880-45369-23	SW-28 (1.5')	105	89				
880-45369-24	SW-29 (1.5')	107	89				
880-45369-25	SW-30 (1.5')	105	89				
880-45369-26	SW-31 (1.5')	107	89				
880-45369-27	SW-32 (1.5')	107	90				
LCS 880-84459/1-A	Lab Control Sample	99	101				
LCS 880-84467/1-A	Lab Control Sample	107	93				
LCSD 880-84459/2-A	Lab Control Sample Dup	99	100				
LCSD 880-84467/2-A	Lab Control Sample Dup	101	92				
MB 880-84356/5-A	Method Blank	101	84				
MB 880-84459/5-A	Method Blank	103	99				
MB 880-84467/5-A	Method Blank	103	85				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
880-45367-A-1-B MS	Matrix Spike	91	88				

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Surrogate Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-45367-A-1-C MSD	Matrix Spike Duplicate	88	87
880-45369-1	CS-17 (3.5')	113	115
880-45369-2	CS-18 (3.5')	96	99
880-45369-3	CS-19 (4.5')	97	104
880-45369-4	CS-20 (4.5')	109	112
880-45369-5	CS-21 (4.5')	101	105
880-45369-6	CS-22 (4.5')	99	102
880-45369-7	CS-23 (4.5')	99	106
880-45369-8	CS-24 (1.5')	97	106
880-45369-9	CS-25 (1.5')	104	107
880-45369-10	CS-26 (1.5')	108	113
880-45369-11	CS-27 (1.5')	183 S1+	197 S1+
880-45369-11 MS	CS-27 (1.5')	173 S1+	173 S1+
880-45369-11 MSD	CS-27 (1.5')	161 S1+	159 S1+
880-45369-12	SW-17 (3.5')	123	136 S1+
880-45369-13	SW-18 (3.5')	113	120
880-45369-14	SW-19 (1')	93	96
880-45369-15	SW-20 (4.5')	77	76
880-45369-16	SW-21 (4.5')	155 S1+	171 S1+
880-45369-17	SW-22 (4.5')	108	116
880-45369-18	SW-23 (4.5')	99	104
880-45369-19	SW-24 (1')	142 S1+	152 S1+
880-45369-20	SW-25 (1.5')	118	122
880-45369-21	SW-26 (1.5')	131 S1+	135 S1+
880-45369-22	SW-27 (1.5')	131 S1+	130
880-45369-23	SW-28 (1.5')	122	131 S1+
880-45369-24	SW-29 (1.5')	130	137 S1+
880-45369-25	SW-30 (1.5')	143 S1+	151 S1+
880-45369-26	SW-31 (1.5')	124	132 S1+
880-45369-27	SW-32 (1.5')	94	99
LCS 880-84452/2-A	Lab Control Sample	128	117
LCS 880-84453/2-A	Lab Control Sample	107	107
LCSD 880-84452/3-A	Lab Control Sample Dup	121	116
LCSD 880-84453/3-A	Lab Control Sample Dup	115	116
MB 880-84452/1-A	Method Blank	143 S1+	148 S1+
MB 880-84453/1-A	Method Blank	219 S1+	237 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-84356/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 84448							Prep Batch: 84356		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/27/24 11:29	06/28/24 11:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/27/24 11:29	06/28/24 11:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/27/24 11:29	06/28/24 11:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/27/24 11:29	06/28/24 11:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/27/24 11:29	06/28/24 11:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/27/24 11:29	06/28/24 11:20	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				06/27/24 11:29	06/28/24 11:20	1
1,4-Difluorobenzene (Surr)	84		70 - 130				06/27/24 11:29	06/28/24 11:20	1

Lab Sample ID: MB 880-84459/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 84457							Prep Batch: 84459		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/28/24 09:49	06/28/24 11:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 09:49	06/28/24 11:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/28/24 09:49	06/28/24 11:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/28/24 09:49	06/28/24 11:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 09:49	06/28/24 11:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/28/24 09:49	06/28/24 11:36	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				06/28/24 09:49	06/28/24 11:36	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/28/24 09:49	06/28/24 11:36	1

Lab Sample ID: LCS 880-84459/1-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 84457							Prep Batch: 84459		
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.1031		mg/Kg		103	70 - 130		
Toluene	0.100	0.09651		mg/Kg		97	70 - 130		
Ethylbenzene	0.100	0.1024		mg/Kg		102	70 - 130		
m-Xylene & p-Xylene	0.200	0.2000		mg/Kg		100	70 - 130		
o-Xylene	0.100	0.09981		mg/Kg		100	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	99		70 - 130						
1,4-Difluorobenzene (Surr)	101		70 - 130						

Lab Sample ID: LCSD 880-84459/2-A							Client Sample ID: Lab Control Sample Dup		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 84457							Prep Batch: 84459		
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1025		mg/Kg		103	70 - 130	1	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-84459/2-A

Matrix: Solid

Analysis Batch: 84457

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 84459

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Toluene	0.100	0.09631		mg/Kg		96	70 - 130		0	35
Ethylbenzene	0.100	0.1017		mg/Kg		102	70 - 130		1	35
m-Xylene & p-Xylene	0.200	0.1991		mg/Kg		100	70 - 130		0	35
o-Xylene	0.100	0.09954		mg/Kg		100	70 - 130		0	35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-45369-1 MS

Matrix: Solid

Analysis Batch: 84457

Client Sample ID: CS-17 (3.5)

Prep Type: Total/NA

Prep Batch: 84459

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Benzene	<0.00199	U	0.0996	0.09341		mg/Kg		94	70 - 130	
Toluene	<0.00199	U	0.0996	0.08679		mg/Kg		87	70 - 130	
Ethylbenzene	<0.00199	U	0.0996	0.09152		mg/Kg		92	70 - 130	
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1812		mg/Kg		91	70 - 130	
o-Xylene	<0.00199	U	0.0996	0.09189		mg/Kg		92	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-45369-1 MSD

Matrix: Solid

Analysis Batch: 84457

Client Sample ID: CS-17 (3.5)

Prep Type: Total/NA

Prep Batch: 84459

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits			
Benzene	<0.00199	U	0.101	0.09960		mg/Kg		99	70 - 130		6	35
Toluene	<0.00199	U	0.101	0.09358		mg/Kg		93	70 - 130		8	35
Ethylbenzene	<0.00199	U	0.101	0.1020		mg/Kg		101	70 - 130		11	35
m-Xylene & p-Xylene	<0.00398	U	0.202	0.2017		mg/Kg		100	70 - 130		11	35
o-Xylene	<0.00199	U	0.101	0.1018		mg/Kg		101	70 - 130		10	35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-84467/5-A

Matrix: Solid

Analysis Batch: 84448

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84467

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:07	06/28/24 22:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:07	06/28/24 22:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:07	06/28/24 22:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/28/24 10:07	06/28/24 22:20	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-84467/5-A

Matrix: Solid

Analysis Batch: 84448

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84467

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:07	06/28/24 22:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/28/24 10:07	06/28/24 22:20	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	103		70 - 130				06/28/24 10:07	06/28/24 22:20	1
1,4-Difluorobenzene (Surr)	85		70 - 130				06/28/24 10:07	06/28/24 22:20	1

Lab Sample ID: LCS 880-84467/1-A

Matrix: Solid

Analysis Batch: 84448

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 84467

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1042		mg/Kg		104	70 - 130
Toluene	0.100	0.09880		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.09649		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.2085		mg/Kg		104	70 - 130
o-Xylene	0.100	0.1063		mg/Kg		106	70 - 130
Surrogate	LCS	LCS	Limits				
	%Recovery	Qualifier					
4-Bromofluorobenzene (Surr)	107		70 - 130				
1,4-Difluorobenzene (Surr)	93		70 - 130				

Lab Sample ID: LCSD 880-84467/2-A

Matrix: Solid

Analysis Batch: 84448

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 84467

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1025		mg/Kg		103	70 - 130	2	35
Toluene	0.100	0.09606		mg/Kg		96	70 - 130	3	35
Ethylbenzene	0.100	0.09293		mg/Kg		93	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2012		mg/Kg		101	70 - 130	4	35
o-Xylene	0.100	0.1000		mg/Kg		100	70 - 130	6	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	101		70 - 130						
1,4-Difluorobenzene (Surr)	92		70 - 130						

Lab Sample ID: 880-45369-21 MS

Matrix: Solid

Analysis Batch: 84448

Client Sample ID: SW-26 (1.5')

Prep Type: Total/NA

Prep Batch: 84467

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00199	U	0.0996	0.09860		mg/Kg		99	70 - 130
Toluene	<0.00199	U	0.0996	0.09181		mg/Kg		92	70 - 130
Ethylbenzene	<0.00199	U	0.0996	0.08743		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1886		mg/Kg		95	70 - 130
o-Xylene	<0.00199	U	0.0996	0.09428		mg/Kg		95	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-45369-21 MS
Matrix: Solid
Analysis Batch: 84448

Client Sample ID: SW-26 (1.5')
Prep Type: Total/NA
Prep Batch: 84467

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 880-45369-21 MSD
Matrix: Solid
Analysis Batch: 84448

Client Sample ID: SW-26 (1.5')
Prep Type: Total/NA
Prep Batch: 84467

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.101	0.09920		mg/Kg		98	70 - 130	1	35
Toluene	<0.00199	U	0.101	0.09230		mg/Kg		92	70 - 130	1	35
Ethylbenzene	<0.00199	U	0.101	0.08755		mg/Kg		87	70 - 130	0	35
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1883		mg/Kg		93	70 - 130	0	35
o-Xylene	<0.00199	U	0.101	0.09449		mg/Kg		94	70 - 130	0	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	103		70 - 130								
1,4-Difluorobenzene (Surr)	92		70 - 130								

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

Lab Sample ID: MB 880-84452/1-A
Matrix: Solid
Analysis Batch: 84435

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84452

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		06/28/24 08:39	06/28/24 08:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 08:39	06/28/24 08:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 08:39	06/28/24 08:41	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	143	S1+	70 - 130				06/28/24 08:39	06/28/24 08:41	1
o-Terphenyl	148	S1+	70 - 130				06/28/24 08:39	06/28/24 08:41	1

Lab Sample ID: LCS 880-84452/2-A
Matrix: Solid
Analysis Batch: 84435

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84452

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1006		mg/Kg		101	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	998.2		mg/Kg		100	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	128		70 - 130						
o-Terphenyl	117		70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-84452/3-A
Matrix: Solid
Analysis Batch: 84435

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 84452

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	977.3		mg/Kg		98	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	936.3		mg/Kg		94	70 - 130	6	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	121		70 - 130						
o-Terphenyl	116		70 - 130						

Lab Sample ID: 880-45367-A-1-B MS
Matrix: Solid
Analysis Batch: 84435

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 84452

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	986.7		mg/Kg		96	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	543.6	F1	mg/Kg		54	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	91		70 - 130								
o-Terphenyl	88		70 - 130								

Lab Sample ID: 880-45367-A-1-C MSD
Matrix: Solid
Analysis Batch: 84435

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 84452

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	972.8		mg/Kg		95	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	534.1	F1	mg/Kg		53	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	88		70 - 130								
o-Terphenyl	87		70 - 130								

Lab Sample ID: MB 880-84453/1-A
Matrix: Solid
Analysis Batch: 84442

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84453

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		06/28/24 08:00	06/28/24 08:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 08:00	06/28/24 08:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 08:00	06/28/24 08:41	1

QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-84453/1-A
Matrix: Solid
Analysis Batch: 84442

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84453

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	219	S1+	70 - 130	06/28/24 08:00	06/28/24 08:41	1				
o-Terphenyl	237	S1+	70 - 130	06/28/24 08:00	06/28/24 08:41	1				

Lab Sample ID: LCS 880-84453/2-A
Matrix: Solid
Analysis Batch: 84442

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84453

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	805.4		mg/Kg		81	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	847.6		mg/Kg		85	70 - 130		
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	107		70 - 130								
o-Terphenyl	107		70 - 130								

Lab Sample ID: LCSD 880-84453/3-A
Matrix: Solid
Analysis Batch: 84442

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 84453

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	851.5		mg/Kg		85	70 - 130	6	20	
Diesel Range Organics (Over C10-C28)			1000	920.8		mg/Kg		92	70 - 130	8	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	115		70 - 130									
o-Terphenyl	116		70 - 130									

Lab Sample ID: 880-45369-11 MS
Matrix: Solid
Analysis Batch: 84442

Client Sample ID: CS-27 (1.5')
Prep Type: Total/NA
Prep Batch: 84453

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	1064		mg/Kg		104	70 - 130		
Diesel Range Organics (Over C10-C28)	57.8	F1	996	781.3		mg/Kg		73	70 - 130		
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	173	S1+	70 - 130								
o-Terphenyl	173	S1+	70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-45369-11 MSD

Matrix: Solid

Analysis Batch: 84442

Client Sample ID: CS-27 (1.5')

Prep Type: Total/NA

Prep Batch: 84453

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	923.2		mg/Kg		89	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	57.8	F1	996	724.3	F1	mg/Kg		67	70 - 130	8	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	161	S1+	70 - 130								
o-Terphenyl	159	S1+	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-84456/1-A

Matrix: Solid

Analysis Batch: 84501

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			06/28/24 20:12	1

Lab Sample ID: LCS 880-84456/2-A

Matrix: Solid

Analysis Batch: 84501

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	247.2		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-84456/3-A

Matrix: Solid

Analysis Batch: 84501

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	248.3		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-45369-11 MS

Matrix: Solid

Analysis Batch: 84501

Client Sample ID: CS-27 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	40.7	F1	252	232.7	F1	mg/Kg		76	90 - 110

Lab Sample ID: 880-45369-11 MSD

Matrix: Solid

Analysis Batch: 84501

Client Sample ID: CS-27 (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	40.7	F1	252	278.5		mg/Kg		95	90 - 110	18	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-45369-21 MS

Matrix: Solid

Analysis Batch: 84501

Client Sample ID: SW-26 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	28.8		252	257.4		mg/Kg		91	90 - 110	

Lab Sample ID: 880-45369-21 MSD

Matrix: Solid

Analysis Batch: 84501

Client Sample ID: SW-26 (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	28.8		252	268.1		mg/Kg		95	90 - 110	4	20

Lab Sample ID: MB 880-84455/1-A

Matrix: Solid

Analysis Batch: 84503

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			06/29/24 02:31	1

Lab Sample ID: LCS 880-84455/2-A

Matrix: Solid

Analysis Batch: 84503

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	250	247.2		mg/Kg		99	90 - 110	

Lab Sample ID: LCSD 880-84455/3-A

Matrix: Solid

Analysis Batch: 84503

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	246.3		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-45369-1 MS

Matrix: Solid

Analysis Batch: 84503

Client Sample ID: CS-17 (3.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	211	F1	249	402.7	F1	mg/Kg		77	90 - 110	

Lab Sample ID: 880-45369-1 MSD

Matrix: Solid

Analysis Batch: 84503

Client Sample ID: CS-17 (3.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	211	F1	249	399.9	F1	mg/Kg		76	90 - 110	1	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 84356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-84356/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 84448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45369-21	SW-26 (1.5')	Total/NA	Solid	8021B	84467
880-45369-22	SW-27 (1.5')	Total/NA	Solid	8021B	84467
880-45369-23	SW-28 (1.5')	Total/NA	Solid	8021B	84467
880-45369-24	SW-29 (1.5')	Total/NA	Solid	8021B	84467
880-45369-25	SW-30 (1.5')	Total/NA	Solid	8021B	84467
880-45369-26	SW-31 (1.5')	Total/NA	Solid	8021B	84467
880-45369-27	SW-32 (1.5')	Total/NA	Solid	8021B	84467
MB 880-84356/5-A	Method Blank	Total/NA	Solid	8021B	84356
MB 880-84467/5-A	Method Blank	Total/NA	Solid	8021B	84467
LCS 880-84467/1-A	Lab Control Sample	Total/NA	Solid	8021B	84467
LCSD 880-84467/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	84467
880-45369-21 MS	SW-26 (1.5')	Total/NA	Solid	8021B	84467
880-45369-21 MSD	SW-26 (1.5')	Total/NA	Solid	8021B	84467

Analysis Batch: 84457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45369-1	CS-17 (3.5)	Total/NA	Solid	8021B	84459
880-45369-2	CS-18 (3.5)	Total/NA	Solid	8021B	84459
880-45369-3	CS-19 (4.5')	Total/NA	Solid	8021B	84459
880-45369-4	CS-20 (4.5')	Total/NA	Solid	8021B	84459
880-45369-5	CS-21 (4.5')	Total/NA	Solid	8021B	84459
880-45369-6	CS-22 (4.5')	Total/NA	Solid	8021B	84459
880-45369-7	CS-23 (4.5')	Total/NA	Solid	8021B	84459
880-45369-8	CS-24 (1.5')	Total/NA	Solid	8021B	84459
880-45369-9	CS-25 (1.5')	Total/NA	Solid	8021B	84459
880-45369-10	CS-26 (1.5')	Total/NA	Solid	8021B	84459
880-45369-11	CS-27 (1.5')	Total/NA	Solid	8021B	84459
880-45369-12	SW-17 (3.5')	Total/NA	Solid	8021B	84459
880-45369-13	SW-18 (3.5')	Total/NA	Solid	8021B	84459
880-45369-14	SW-19 (1')	Total/NA	Solid	8021B	84459
880-45369-15	SW-20 (4.5')	Total/NA	Solid	8021B	84459
880-45369-16	SW-21 (4.5')	Total/NA	Solid	8021B	84459
880-45369-17	SW-22 (4.5')	Total/NA	Solid	8021B	84459
880-45369-18	SW-23 (4.5')	Total/NA	Solid	8021B	84459
880-45369-19	SW-24 (1')	Total/NA	Solid	8021B	84459
880-45369-20	SW-25 (1.5')	Total/NA	Solid	8021B	84459
MB 880-84459/5-A	Method Blank	Total/NA	Solid	8021B	84459
LCS 880-84459/1-A	Lab Control Sample	Total/NA	Solid	8021B	84459
LCSD 880-84459/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	84459
880-45369-1 MS	CS-17 (3.5)	Total/NA	Solid	8021B	84459
880-45369-1 MSD	CS-17 (3.5)	Total/NA	Solid	8021B	84459

Prep Batch: 84459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45369-1	CS-17 (3.5)	Total/NA	Solid	5035	
880-45369-2	CS-18 (3.5)	Total/NA	Solid	5035	
880-45369-3	CS-19 (4.5')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 84459 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45369-4	CS-20 (4.5')	Total/NA	Solid	5035	
880-45369-5	CS-21 (4.5')	Total/NA	Solid	5035	
880-45369-6	CS-22 (4.5')	Total/NA	Solid	5035	
880-45369-7	CS-23 (4.5')	Total/NA	Solid	5035	
880-45369-8	CS-24 (1.5')	Total/NA	Solid	5035	
880-45369-9	CS-25 (1.5')	Total/NA	Solid	5035	
880-45369-10	CS-26 (1.5')	Total/NA	Solid	5035	
880-45369-11	CS-27 (1.5')	Total/NA	Solid	5035	
880-45369-12	SW-17 (3.5')	Total/NA	Solid	5035	
880-45369-13	SW-18 (3.5')	Total/NA	Solid	5035	
880-45369-14	SW-19 (1')	Total/NA	Solid	5035	
880-45369-15	SW-20 (4.5')	Total/NA	Solid	5035	
880-45369-16	SW-21 (4.5')	Total/NA	Solid	5035	
880-45369-17	SW-22 (4.5')	Total/NA	Solid	5035	
880-45369-18	SW-23 (4.5')	Total/NA	Solid	5035	
880-45369-19	SW-24 (1')	Total/NA	Solid	5035	
880-45369-20	SW-25 (1.5')	Total/NA	Solid	5035	
MB 880-84459/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-84459/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-84459/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-45369-1 MS	CS-17 (3.5)	Total/NA	Solid	5035	
880-45369-1 MSD	CS-17 (3.5)	Total/NA	Solid	5035	

Prep Batch: 84467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45369-21	SW-26 (1.5')	Total/NA	Solid	5035	
880-45369-22	SW-27 (1.5')	Total/NA	Solid	5035	
880-45369-23	SW-28 (1.5')	Total/NA	Solid	5035	
880-45369-24	SW-29 (1.5')	Total/NA	Solid	5035	
880-45369-25	SW-30 (1.5')	Total/NA	Solid	5035	
880-45369-26	SW-31 (1.5')	Total/NA	Solid	5035	
880-45369-27	SW-32 (1.5')	Total/NA	Solid	5035	
MB 880-84467/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-84467/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-84467/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-45369-21 MS	SW-26 (1.5')	Total/NA	Solid	5035	
880-45369-21 MSD	SW-26 (1.5')	Total/NA	Solid	5035	

Analysis Batch: 84564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45369-1	CS-17 (3.5)	Total/NA	Solid	Total BTEX	
880-45369-2	CS-18 (3.5)	Total/NA	Solid	Total BTEX	
880-45369-3	CS-19 (4.5')	Total/NA	Solid	Total BTEX	
880-45369-4	CS-20 (4.5')	Total/NA	Solid	Total BTEX	
880-45369-5	CS-21 (4.5')	Total/NA	Solid	Total BTEX	
880-45369-6	CS-22 (4.5')	Total/NA	Solid	Total BTEX	
880-45369-7	CS-23 (4.5')	Total/NA	Solid	Total BTEX	
880-45369-8	CS-24 (1.5')	Total/NA	Solid	Total BTEX	
880-45369-9	CS-25 (1.5')	Total/NA	Solid	Total BTEX	
880-45369-10	CS-26 (1.5')	Total/NA	Solid	Total BTEX	
880-45369-11	CS-27 (1.5')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 84564 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45369-12	SW-17 (3.5')	Total/NA	Solid	Total BTEX	
880-45369-13	SW-18 (3.5')	Total/NA	Solid	Total BTEX	
880-45369-14	SW-19 (1')	Total/NA	Solid	Total BTEX	
880-45369-15	SW-20 (4.5')	Total/NA	Solid	Total BTEX	
880-45369-16	SW-21 (4.5')	Total/NA	Solid	Total BTEX	
880-45369-17	SW-22 (4.5')	Total/NA	Solid	Total BTEX	
880-45369-18	SW-23 (4.5')	Total/NA	Solid	Total BTEX	
880-45369-19	SW-24 (1')	Total/NA	Solid	Total BTEX	
880-45369-20	SW-25 (1.5')	Total/NA	Solid	Total BTEX	
880-45369-21	SW-26 (1.5')	Total/NA	Solid	Total BTEX	
880-45369-22	SW-27 (1.5')	Total/NA	Solid	Total BTEX	
880-45369-23	SW-28 (1.5')	Total/NA	Solid	Total BTEX	
880-45369-24	SW-29 (1.5')	Total/NA	Solid	Total BTEX	
880-45369-25	SW-30 (1.5')	Total/NA	Solid	Total BTEX	
880-45369-26	SW-31 (1.5')	Total/NA	Solid	Total BTEX	
880-45369-27	SW-32 (1.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 84435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45369-1	CS-17 (3.5)	Total/NA	Solid	8015B NM	84452
880-45369-2	CS-18 (3.5)	Total/NA	Solid	8015B NM	84452
880-45369-3	CS-19 (4.5')	Total/NA	Solid	8015B NM	84452
880-45369-4	CS-20 (4.5')	Total/NA	Solid	8015B NM	84452
880-45369-5	CS-21 (4.5')	Total/NA	Solid	8015B NM	84452
880-45369-6	CS-22 (4.5')	Total/NA	Solid	8015B NM	84452
880-45369-7	CS-23 (4.5')	Total/NA	Solid	8015B NM	84452
880-45369-8	CS-24 (1.5')	Total/NA	Solid	8015B NM	84452
880-45369-9	CS-25 (1.5')	Total/NA	Solid	8015B NM	84452
880-45369-10	CS-26 (1.5')	Total/NA	Solid	8015B NM	84452
MB 880-84452/1-A	Method Blank	Total/NA	Solid	8015B NM	84452
LCS 880-84452/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	84452
LCSD 880-84452/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	84452
880-45367-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	84452
880-45367-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	84452

Analysis Batch: 84442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45369-11	CS-27 (1.5')	Total/NA	Solid	8015B NM	84453
880-45369-12	SW-17 (3.5')	Total/NA	Solid	8015B NM	84453
880-45369-13	SW-18 (3.5')	Total/NA	Solid	8015B NM	84453
880-45369-14	SW-19 (1')	Total/NA	Solid	8015B NM	84453
880-45369-15	SW-20 (4.5')	Total/NA	Solid	8015B NM	84453
880-45369-16	SW-21 (4.5')	Total/NA	Solid	8015B NM	84453
880-45369-17	SW-22 (4.5')	Total/NA	Solid	8015B NM	84453
880-45369-18	SW-23 (4.5')	Total/NA	Solid	8015B NM	84453
880-45369-19	SW-24 (1')	Total/NA	Solid	8015B NM	84453
880-45369-20	SW-25 (1.5')	Total/NA	Solid	8015B NM	84453
880-45369-21	SW-26 (1.5')	Total/NA	Solid	8015B NM	84453
880-45369-22	SW-27 (1.5')	Total/NA	Solid	8015B NM	84453

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 84442 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45369-23	SW-28 (1.5')	Total/NA	Solid	8015B NM	84453
880-45369-24	SW-29 (1.5')	Total/NA	Solid	8015B NM	84453
880-45369-25	SW-30 (1.5')	Total/NA	Solid	8015B NM	84453
880-45369-26	SW-31 (1.5')	Total/NA	Solid	8015B NM	84453
880-45369-27	SW-32 (1.5')	Total/NA	Solid	8015B NM	84453
MB 880-84453/1-A	Method Blank	Total/NA	Solid	8015B NM	84453
LCS 880-84453/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	84453
LCSD 880-84453/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	84453
880-45369-11 MS	CS-27 (1.5')	Total/NA	Solid	8015B NM	84453
880-45369-11 MSD	CS-27 (1.5')	Total/NA	Solid	8015B NM	84453

Prep Batch: 84452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45369-1	CS-17 (3.5)	Total/NA	Solid	8015NM Prep	
880-45369-2	CS-18 (3.5)	Total/NA	Solid	8015NM Prep	
880-45369-3	CS-19 (4.5')	Total/NA	Solid	8015NM Prep	
880-45369-4	CS-20 (4.5')	Total/NA	Solid	8015NM Prep	
880-45369-5	CS-21 (4.5')	Total/NA	Solid	8015NM Prep	
880-45369-6	CS-22 (4.5')	Total/NA	Solid	8015NM Prep	
880-45369-7	CS-23 (4.5')	Total/NA	Solid	8015NM Prep	
880-45369-8	CS-24 (1.5')	Total/NA	Solid	8015NM Prep	
880-45369-9	CS-25 (1.5')	Total/NA	Solid	8015NM Prep	
880-45369-10	CS-26 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-84452/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-84452/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-84452/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-45367-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-45367-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 84453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45369-11	CS-27 (1.5')	Total/NA	Solid	8015NM Prep	
880-45369-12	SW-17 (3.5')	Total/NA	Solid	8015NM Prep	
880-45369-13	SW-18 (3.5')	Total/NA	Solid	8015NM Prep	
880-45369-14	SW-19 (1')	Total/NA	Solid	8015NM Prep	
880-45369-15	SW-20 (4.5')	Total/NA	Solid	8015NM Prep	
880-45369-16	SW-21 (4.5')	Total/NA	Solid	8015NM Prep	
880-45369-17	SW-22 (4.5')	Total/NA	Solid	8015NM Prep	
880-45369-18	SW-23 (4.5')	Total/NA	Solid	8015NM Prep	
880-45369-19	SW-24 (1')	Total/NA	Solid	8015NM Prep	
880-45369-20	SW-25 (1.5')	Total/NA	Solid	8015NM Prep	
880-45369-21	SW-26 (1.5')	Total/NA	Solid	8015NM Prep	
880-45369-22	SW-27 (1.5')	Total/NA	Solid	8015NM Prep	
880-45369-23	SW-28 (1.5')	Total/NA	Solid	8015NM Prep	
880-45369-24	SW-29 (1.5')	Total/NA	Solid	8015NM Prep	
880-45369-25	SW-30 (1.5')	Total/NA	Solid	8015NM Prep	
880-45369-26	SW-31 (1.5')	Total/NA	Solid	8015NM Prep	
880-45369-27	SW-32 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-84453/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-84453/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-84453/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 84453 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45369-11 MS	CS-27 (1.5')	Total/NA	Solid	8015NM Prep	
880-45369-11 MSD	CS-27 (1.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 84664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45369-1	CS-17 (3.5)	Total/NA	Solid	8015 NM	
880-45369-2	CS-18 (3.5)	Total/NA	Solid	8015 NM	
880-45369-3	CS-19 (4.5')	Total/NA	Solid	8015 NM	
880-45369-4	CS-20 (4.5')	Total/NA	Solid	8015 NM	
880-45369-5	CS-21 (4.5')	Total/NA	Solid	8015 NM	
880-45369-6	CS-22 (4.5')	Total/NA	Solid	8015 NM	
880-45369-7	CS-23 (4.5')	Total/NA	Solid	8015 NM	
880-45369-8	CS-24 (1.5')	Total/NA	Solid	8015 NM	
880-45369-9	CS-25 (1.5')	Total/NA	Solid	8015 NM	
880-45369-10	CS-26 (1.5')	Total/NA	Solid	8015 NM	
880-45369-11	CS-27 (1.5')	Total/NA	Solid	8015 NM	
880-45369-12	SW-17 (3.5')	Total/NA	Solid	8015 NM	
880-45369-13	SW-18 (3.5')	Total/NA	Solid	8015 NM	
880-45369-14	SW-19 (1')	Total/NA	Solid	8015 NM	
880-45369-15	SW-20 (4.5')	Total/NA	Solid	8015 NM	
880-45369-16	SW-21 (4.5')	Total/NA	Solid	8015 NM	
880-45369-17	SW-22 (4.5')	Total/NA	Solid	8015 NM	
880-45369-18	SW-23 (4.5')	Total/NA	Solid	8015 NM	
880-45369-19	SW-24 (1')	Total/NA	Solid	8015 NM	
880-45369-20	SW-25 (1.5')	Total/NA	Solid	8015 NM	
880-45369-21	SW-26 (1.5')	Total/NA	Solid	8015 NM	
880-45369-22	SW-27 (1.5')	Total/NA	Solid	8015 NM	
880-45369-23	SW-28 (1.5')	Total/NA	Solid	8015 NM	
880-45369-24	SW-29 (1.5')	Total/NA	Solid	8015 NM	
880-45369-25	SW-30 (1.5')	Total/NA	Solid	8015 NM	
880-45369-26	SW-31 (1.5')	Total/NA	Solid	8015 NM	
880-45369-27	SW-32 (1.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 84455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45369-1	CS-17 (3.5)	Soluble	Solid	DI Leach	
880-45369-2	CS-18 (3.5)	Soluble	Solid	DI Leach	
880-45369-3	CS-19 (4.5')	Soluble	Solid	DI Leach	
880-45369-4	CS-20 (4.5')	Soluble	Solid	DI Leach	
880-45369-5	CS-21 (4.5')	Soluble	Solid	DI Leach	
880-45369-6	CS-22 (4.5')	Soluble	Solid	DI Leach	
880-45369-7	CS-23 (4.5')	Soluble	Solid	DI Leach	
880-45369-8	CS-24 (1.5')	Soluble	Solid	DI Leach	
880-45369-9	CS-25 (1.5')	Soluble	Solid	DI Leach	
880-45369-10	CS-26 (1.5')	Soluble	Solid	DI Leach	
MB 880-84455/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-84455/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-84455/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-45369-1 MS	CS-17 (3.5)	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 84455 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45369-1 MSD	CS-17 (3.5)	Soluble	Solid	DI Leach	

Leach Batch: 84456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45369-11	CS-27 (1.5')	Soluble	Solid	DI Leach	
880-45369-12	SW-17 (3.5')	Soluble	Solid	DI Leach	
880-45369-13	SW-18 (3.5')	Soluble	Solid	DI Leach	
880-45369-14	SW-19 (1')	Soluble	Solid	DI Leach	
880-45369-15	SW-20 (4.5')	Soluble	Solid	DI Leach	
880-45369-16	SW-21 (4.5')	Soluble	Solid	DI Leach	
880-45369-17	SW-22 (4.5')	Soluble	Solid	DI Leach	
880-45369-18	SW-23 (4.5')	Soluble	Solid	DI Leach	
880-45369-19	SW-24 (1')	Soluble	Solid	DI Leach	
880-45369-20	SW-25 (1.5')	Soluble	Solid	DI Leach	
880-45369-21	SW-26 (1.5')	Soluble	Solid	DI Leach	
880-45369-22	SW-27 (1.5')	Soluble	Solid	DI Leach	
880-45369-23	SW-28 (1.5')	Soluble	Solid	DI Leach	
880-45369-24	SW-29 (1.5')	Soluble	Solid	DI Leach	
880-45369-25	SW-30 (1.5')	Soluble	Solid	DI Leach	
880-45369-26	SW-31 (1.5')	Soluble	Solid	DI Leach	
880-45369-27	SW-32 (1.5')	Soluble	Solid	DI Leach	
MB 880-84456/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-84456/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-84456/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-45369-11 MS	CS-27 (1.5')	Soluble	Solid	DI Leach	
880-45369-11 MSD	CS-27 (1.5')	Soluble	Solid	DI Leach	
880-45369-21 MS	SW-26 (1.5')	Soluble	Solid	DI Leach	
880-45369-21 MSD	SW-26 (1.5')	Soluble	Solid	DI Leach	

Analysis Batch: 84501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45369-11	CS-27 (1.5')	Soluble	Solid	300.0	84456
880-45369-12	SW-17 (3.5')	Soluble	Solid	300.0	84456
880-45369-13	SW-18 (3.5')	Soluble	Solid	300.0	84456
880-45369-14	SW-19 (1')	Soluble	Solid	300.0	84456
880-45369-15	SW-20 (4.5')	Soluble	Solid	300.0	84456
880-45369-16	SW-21 (4.5')	Soluble	Solid	300.0	84456
880-45369-17	SW-22 (4.5')	Soluble	Solid	300.0	84456
880-45369-18	SW-23 (4.5')	Soluble	Solid	300.0	84456
880-45369-19	SW-24 (1')	Soluble	Solid	300.0	84456
880-45369-20	SW-25 (1.5')	Soluble	Solid	300.0	84456
880-45369-21	SW-26 (1.5')	Soluble	Solid	300.0	84456
880-45369-22	SW-27 (1.5')	Soluble	Solid	300.0	84456
880-45369-23	SW-28 (1.5')	Soluble	Solid	300.0	84456
880-45369-24	SW-29 (1.5')	Soluble	Solid	300.0	84456
880-45369-25	SW-30 (1.5')	Soluble	Solid	300.0	84456
880-45369-26	SW-31 (1.5')	Soluble	Solid	300.0	84456
880-45369-27	SW-32 (1.5')	Soluble	Solid	300.0	84456
MB 880-84456/1-A	Method Blank	Soluble	Solid	300.0	84456
LCS 880-84456/2-A	Lab Control Sample	Soluble	Solid	300.0	84456
LCSD 880-84456/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	84456

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QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 84501 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45369-11 MS	CS-27 (1.5')	Soluble	Solid	300.0	84456
880-45369-11 MSD	CS-27 (1.5')	Soluble	Solid	300.0	84456
880-45369-21 MS	SW-26 (1.5')	Soluble	Solid	300.0	84456
880-45369-21 MSD	SW-26 (1.5')	Soluble	Solid	300.0	84456

Analysis Batch: 84503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45369-1	CS-17 (3.5)	Soluble	Solid	300.0	84455
880-45369-2	CS-18 (3.5)	Soluble	Solid	300.0	84455
880-45369-3	CS-19 (4.5')	Soluble	Solid	300.0	84455
880-45369-4	CS-20 (4.5')	Soluble	Solid	300.0	84455
880-45369-5	CS-21 (4.5')	Soluble	Solid	300.0	84455
880-45369-6	CS-22 (4.5')	Soluble	Solid	300.0	84455
880-45369-7	CS-23 (4.5')	Soluble	Solid	300.0	84455
880-45369-8	CS-24 (1.5')	Soluble	Solid	300.0	84455
880-45369-9	CS-25 (1.5')	Soluble	Solid	300.0	84455
880-45369-10	CS-26 (1.5')	Soluble	Solid	300.0	84455
MB 880-84455/1-A	Method Blank	Soluble	Solid	300.0	84455
LCS 880-84455/2-A	Lab Control Sample	Soluble	Solid	300.0	84455
LCSD 880-84455/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	84455
880-45369-1 MS	CS-17 (3.5)	Soluble	Solid	300.0	84455
880-45369-1 MSD	CS-17 (3.5)	Soluble	Solid	300.0	84455

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: CS-17 (3.5)
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	84459	06/28/24 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/28/24 11:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 11:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 15:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	84452	06/28/24 08:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/28/24 15:43	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	84455	06/28/24 09:27	SA	EET MID
Soluble	Analysis	300.0		1			84503	06/29/24 04:11	SMC	EET MID

Client Sample ID: CS-18 (3.5)
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	84459	06/28/24 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/28/24 12:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 16:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84452	06/28/24 08:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/28/24 16:04	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	84455	06/28/24 09:27	SA	EET MID
Soluble	Analysis	300.0		1			84503	06/29/24 04:29	SMC	EET MID

Client Sample ID: CS-19 (4.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	84459	06/28/24 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/28/24 12:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 12:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 16:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	84452	06/28/24 08:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/28/24 16:25	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	84455	06/28/24 09:27	SA	EET MID
Soluble	Analysis	300.0		1			84503	06/29/24 04:35	SMC	EET MID

Client Sample ID: CS-20 (4.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	84459	06/28/24 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/28/24 12:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 12:59	SM	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: CS-20 (4.5')

Lab Sample ID: 880-45369-4

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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			84664	06/28/24 16:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84452	06/28/24 08:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/28/24 16:46	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	84455	06/28/24 09:27	SA	EET MID
Soluble	Analysis	300.0		1			84503	06/29/24 13:49	SMC	EET MID

Client Sample ID: CS-21 (4.5')

Lab Sample ID: 880-45369-5

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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	84459	06/28/24 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/28/24 13:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 13:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 17:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84452	06/28/24 08:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/28/24 17:07	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	84455	06/28/24 09:27	SA	EET MID
Soluble	Analysis	300.0		1			84503	06/29/24 13:55	SMC	EET MID

Client Sample ID: CS-22 (4.5')

Lab Sample ID: 880-45369-6

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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	84459	06/28/24 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/28/24 13:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 13:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 17:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84452	06/28/24 08:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/28/24 17:27	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	84455	06/28/24 09:27	SA	EET MID
Soluble	Analysis	300.0		1			84503	06/29/24 14:02	SMC	EET MID

Client Sample ID: CS-23 (4.5')

Lab Sample ID: 880-45369-7

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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	84459	06/28/24 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/28/24 14:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 14:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 17:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	84452	06/28/24 08:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/28/24 17:48	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: CS-23 (4.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	84455	06/28/24 09:27	SA	EET MID
Soluble	Analysis	300.0		1			84503	06/29/24 14:08	SMC	EET MID

Client Sample ID: CS-24 (1.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	84459	06/28/24 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/28/24 14:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 14:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 18:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84452	06/28/24 08:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/28/24 18:09	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	84455	06/28/24 09:27	SA	EET MID
Soluble	Analysis	300.0		1			84503	06/29/24 14:14	SMC	EET MID

Client Sample ID: CS-25 (1.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	84459	06/28/24 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/28/24 14:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 14:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 18:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84452	06/28/24 08:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/28/24 18:30	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	84455	06/28/24 09:27	SA	EET MID
Soluble	Analysis	300.0		1			84503	06/29/24 14:21	SMC	EET MID

Client Sample ID: CS-26 (1.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	84459	06/28/24 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/28/24 15:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 15:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 18:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84452	06/28/24 08:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/28/24 18:51	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	84455	06/28/24 09:27	SA	EET MID
Soluble	Analysis	300.0		1			84503	06/29/24 14:27	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: CS-27 (1.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	84459	06/28/24 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/28/24 17:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 17:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 11:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84453	06/28/24 08:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84442	06/28/24 11:09	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	84456	06/28/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1			84501	06/28/24 20:30	SMC	EET MID

Client Sample ID: SW-17 (3.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	84459	06/28/24 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/28/24 17:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 17:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 12:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	84453	06/28/24 08:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84442	06/28/24 12:10	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	84456	06/28/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1			84501	06/28/24 20:48	SMC	EET MID

Client Sample ID: SW-18 (3.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	84459	06/28/24 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/28/24 17:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 17:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 12:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	84453	06/28/24 08:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84442	06/28/24 12:30	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	84456	06/28/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1			84501	06/28/24 20:54	SMC	EET MID

Client Sample ID: SW-19 (1')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	84459	06/28/24 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/28/24 18:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 18:07	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: SW-19 (1')

Lab Sample ID: 880-45369-14

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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			84664	06/28/24 12:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84453	06/28/24 08:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84442	06/28/24 12:50	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	84456	06/28/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1			84501	06/29/24 12:39	SMC	EET MID

Client Sample ID: SW-20 (4.5')

Lab Sample ID: 880-45369-15

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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	84459	06/28/24 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/28/24 18:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 18:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 13:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84453	06/28/24 08:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84442	06/28/24 13:10	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	84456	06/28/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1			84501	06/28/24 21:05	SMC	EET MID

Client Sample ID: SW-21 (4.5')

Lab Sample ID: 880-45369-16

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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	84459	06/28/24 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/28/24 18:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 18:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 13:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	84453	06/28/24 08:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84442	06/28/24 13:30	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	84456	06/28/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1			84501	06/28/24 21:23	SMC	EET MID

Client Sample ID: SW-22 (4.5')

Lab Sample ID: 880-45369-17

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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	84459	06/28/24 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/28/24 19:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 19:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 13:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84453	06/28/24 08:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84442	06/28/24 13:50	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: SW-22 (4.5')

Lab Sample ID: 880-45369-17

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	84456	06/28/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1			84501	06/28/24 21:29	SMC	EET MID

Client Sample ID: SW-23 (4.5')

Lab Sample ID: 880-45369-18

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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	84459	06/28/24 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/28/24 19:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 19:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 14:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84453	06/28/24 08:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84442	06/28/24 14:10	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	84456	06/28/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1			84501	06/28/24 21:35	SMC	EET MID

Client Sample ID: SW-24 (1')

Lab Sample ID: 880-45369-19

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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	84459	06/28/24 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/28/24 19:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 19:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 14:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84453	06/28/24 08:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84442	06/28/24 14:30	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	84456	06/28/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1			84501	06/28/24 21:41	SMC	EET MID

Client Sample ID: SW-25 (1.5')

Lab Sample ID: 880-45369-20

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 08:00

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	84459	06/28/24 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/28/24 20:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 20:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 14:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	84453	06/28/24 08:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84442	06/28/24 14:50	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	84456	06/28/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1			84501	06/28/24 21:47	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: SW-26 (1.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	84467	06/28/24 10:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84448	06/28/24 22:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 22:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 15:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84453	06/28/24 08:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84442	06/28/24 15:30	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	84456	06/28/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1			84501	06/29/24 12:45	SMC	EET MID

Client Sample ID: SW-27 (1.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	84467	06/28/24 10:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84448	06/28/24 23:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 23:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 15:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	84453	06/28/24 08:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84442	06/28/24 15:50	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	84456	06/28/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1			84501	06/28/24 22:10	SMC	EET MID

Client Sample ID: SW-28 (1.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	84467	06/28/24 10:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84448	06/28/24 23:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 23:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 16:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84453	06/28/24 08:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84442	06/28/24 16:11	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	84456	06/28/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1			84501	06/28/24 22:16	SMC	EET MID

Client Sample ID: SW-29 (1.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	84467	06/28/24 10:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84448	06/28/24 23:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/28/24 23:43	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: SW-29 (1.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			84664	06/28/24 16:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84453	06/28/24 08:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84442	06/28/24 16:32	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	84456	06/28/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1			84501	06/29/24 12:51	SMC	EET MID

Client Sample ID: SW-30 (1.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	84467	06/28/24 10:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84448	06/29/24 00:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/29/24 00:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 16:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	84453	06/28/24 08:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84442	06/28/24 16:54	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	84456	06/28/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1			84501	06/29/24 12:58	SMC	EET MID

Client Sample ID: SW-31 (1.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	84467	06/28/24 10:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84448	06/29/24 00:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/29/24 00:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 17:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84453	06/28/24 08:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84442	06/28/24 17:14	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	84456	06/28/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1			84501	06/29/24 13:04	SMC	EET MID

Client Sample ID: SW-32 (1.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	84467	06/28/24 10:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84448	06/29/24 00:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84564	06/29/24 00:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			84664	06/28/24 17:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	84453	06/28/24 08:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84442	06/28/24 17:34	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Client Sample ID: SW-32 (1.5')
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 08:00

Lab Sample ID: 880-45369-27
Matrix: Solid

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	84456	06/28/24 09:29	SA	EET MID
Soluble	Analysis	300.0		1			84501	06/29/24 13:11	SMC	EET MID

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: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-24
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
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45369-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-45369-1	CS-17 (3.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-2	CS-18 (3.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-3	CS-19 (4.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-4	CS-20 (4.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-5	CS-21 (4.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-6	CS-22 (4.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-7	CS-23 (4.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-8	CS-24 (1.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-9	CS-25 (1.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-10	CS-26 (1.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-11	CS-27 (1.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-12	SW-17 (3.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-13	SW-18 (3.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-14	SW-19 (1')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-15	SW-20 (4.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-16	SW-21 (4.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-17	SW-22 (4.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-18	SW-23 (4.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-19	SW-24 (1')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-20	SW-25 (1.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-21	SW-26 (1.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-22	SW-27 (1.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-23	SW-28 (1.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-24	SW-29 (1.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-25	SW-30 (1.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-26	SW-31 (1.5')	Solid	06/27/24 00:00	06/28/24 08:00
880-45369-27	SW-32 (1.5')	Solid	06/27/24 00:00	06/28/24 08:00

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Chain of Custody



880-45369 Chain of Custody

Page 1 of 3

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Camrona 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 79708
Phone:	432-813-6823	Email:	Todd Wells@eoqresources.com

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Crownfields ☐ RRC ☐ pertund
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV
Deliverables: EDD	☐ ADAPT ☐ Other:

Project Name:		Antero New Riser Spill			Turn Around					ANALYSIS REQUEST										Preservative Codes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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Comments: Email to Mike Camrona / mcamrona@camronaresources.com and Conner Moehring / cmoehring@camronaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	6/26/24 805		

Chain of Custody

Work Order No: 3809

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

Program: UST/PRP ☐ PRP ☐ Brownfields ☐ RC ☐ Pertund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ PRP ☐ Level IV ☐	Deliverables: EDO ☐ ADAPT ☐ Other: ☐

Project Name:	Antero New Riser Spill		Turn Around		Parameters	ANALYSIS REQUEST												Preservative Codes			
Project Number:	2233		☐ Routine ☒ Rush			24 Hour													None: NO	DI Water: H ₂ O	
Project Location:	Lea County, New Mexico		Due Date:																Cool: Cool	MeOH: Me	
Sampler's Name:	JW/JR																		HCL: HC	HNO ₃ : HN	
PO #:			Temp Blank:		Yes ☒ No ☐	Well Ice:	Yes ☒ No ☐													H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT			Received In tact:		Yes ☒ No ☐	Thermometer ID:	12-5													H ₃ PO ₄ : HP	
Cooler Custody Seals:			Yes ☒ No ☐		N/A	Correction Factor:	-0.1													NaHSO ₄ : NABIS	
Sample Custody Seals:			Yes ☒ No ☐		N/A	Temperature Reading:	1.1													Na ₂ S ₂ O ₅ : NaSO ₃	
Total Containers:						Corrected Temperature:	1.0													Zn Acetate+NaOH: Zn	
																				NaOH+Ascorbic Acid: SAsPC	
Sample Identification	Date	Time	Soil	Water	Grav/Comp	# of Cont													Sample Comments		
CS-27 (1.5')	6/27/2024		X		Comp	1	X	X	X	X											
SW-17 (3.5')	6/27/2024		X		Comp	1	X	X	X	X											
SW-18 (3.5')	6/27/2024		X		Comp	1	X	X	X	X											
SW-19 (1')	6/27/2024		X		Comp	1	X	X	X	X											
SW-20 (4.5')	6/27/2024		X		Comp	1	X	X	X	X											
SW-21 (4.5')	6/27/2024		X		Comp	1	X	X	X	X											
SW-22 (4.5')	6/27/2024		X		Comp	1	X	X	X	X											
SW-23 (4.5')	6/27/2024		X		Comp	1	X	X	X	X											
SW-24 (1')	6/27/2024		X		Comp	1	X	X	X	X											
SW-25 (1.5')	6/27/2024		X		Comp	1	X	X	X	X											

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	6/28/24		

Chain of Custody

Work Order No: 369

Page 3 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

Program: USTPST ☐ PRP ☐ Brownfields ☐ RC ☐ Pertund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ STUUST ☐ RRP ☐ Level IV ☐	Deliverables: EDD ☐ ADAPT ☐ Other:

Project Name:		Antero New Riser Spill		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes											
Project Number:	2233		☐ Routine ☒ Rush		Due Date: 24 Hour														None: NO	DI Water: H ₂ O										
Project Location	Lea County, New Mexico																		Cool: Cool	MeOH: Me										
Sampler's Name:	JW/JR																		HCL: HC	HNO ₃ : HN										
PO #:																			H ₂ SO ₄ : H ₂	NaOH: Na										
SAMPLE RECEIPT			Temp Blank:	Yes ☒ No	Wet Ice:	☒ No	Parameters												H ₃ PO ₄ : HP											
Received Intact:			☒ Yes ☒ No	Thermometer ID:	1K-8														NaHSO ₄ : NABIS											
Cooler Custody Seals:			Yes ☒ No ☒ N/A	Correction Factor:	-0.1														Na ₂ S ₂ O ₅ : NaSO ₃											
Sample Custody Seals:			Yes ☒ No ☒ N/A	Temperature Reading:	1.1														Zn Acetate+NaOH: Zn											
Total Containers:				Corrected Temperature:	1.0														NaOH+Ascorbic Acid: SAPC											
Sample Identification		Date	Time	Soil	Water	Grav/Comp	# of Cont													Sample Comments										
SW-26 (1.5')		6/27/2024		X		Comp	1	X	X	X																				
SW-27 (1.5')		6/27/2024		X		Comp	1	X	X	X																				
SW-28 (1.5')		6/27/2024		X		Comp	1	X	X	X																				
SW-29 (1.5')		6/27/2024		X		Comp	1	X	X	X																				
SW-30 (1.5')		6/27/2024		X		Comp	1	X	X	X																				
SW-31 (1.5')		6/27/2024		X		Comp	1	X	X	X																				
SW-32 (1.5')		6/27/2024		X		Comp	1	X	X	X																				

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	6/26/24		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-45369-1
SDG Number: Lea County, New Mexico

Login Number: 45369

List Number: 1

Creator: Vasquez, Julisa

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	



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 7/1/2024 3:28:59 PM

JOB DESCRIPTION

Antero New Riser Spill
Lea County, New Mexico

JOB NUMBER

880-45419-1

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
7/1/2024 3:28:59 PM

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

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Laboratory Job ID: 880-45419-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Antero New Riser Spill

Job ID: 880-45419-1

Job ID: 880-45419-1

Eurofins Midland

Job Narrative 880-45419-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The samples were received on 6/28/2024 4:26 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 8.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-28 (1.5') (880-45419-1), CS-29 (1.5') (880-45419-2), CS-30 (1.5') (880-45419-3), CS-31 (1.5') (880-45419-4), CS-32 (1.5') (880-45419-5), CS-33 (1.5') (880-45419-6), CS-34 (1.5') (880-45419-7), CS-35 (4.5') (880-45419-8), CS-36 (2') (880-45419-9), CS-37 (2') (880-45419-10), CS-38 (2') (880-45419-11), CS-39 (2') (880-45419-12), SW-33 (4.5') (880-45419-13), SW-34 (1') (880-45419-14), SW-35 (0.5') (880-45419-15), SW-36 (0.5') (880-45419-16) and SW-37 (2') (880-45419-17).

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SW-35 (0.5') (880-45419-15). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-84625 recovered below the lower control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-84625/31).

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-84599 and analytical batch 880-84626 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-28 (1.5') (880-45419-1), CS-29 (1.5') (880-45419-2), CS-30 (1.5') (880-45419-3), CS-31 (1.5') (880-45419-4), CS-32 (1.5') (880-45419-5), CS-33 (1.5') (880-45419-6), CS-34 (1.5') (880-45419-7), CS-35 (4.5') (880-45419-8), (880-45419-A-1-C MS) and (880-45419-A-1-D MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike (MS) recoveries for preparation batch 880-84599 and analytical batch 880-84626 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-84598 and analytical batch 880-84605 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.

The associated samples are: CS-28 (1.5') (880-45419-1), CS-29 (1.5') (880-45419-2), CS-30 (1.5') (880-45419-3), CS-31 (1.5') (880-45419-4), CS-32 (1.5') (880-45419-5), CS-33 (1.5') (880-45419-6), CS-34 (1.5') (880-45419-7) and CS-35 (4.5') (880-45419-8).

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Antero New Riser Spill

Job ID: 880-45419-1

Job ID: 880-45419-1 (Continued) Eurofins Midland

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-84598 and analytical batch 880-84605 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.

The associated samples are: CS-36 (2') (880-45419-9), CS-37 (2') (880-45419-10), CS-38 (2') (880-45419-11), CS-39 (2') (880-45419-12), SW-33 (4.5') (880-45419-13), SW-34 (1') (880-45419-14), SW-35 (0.5') (880-45419-15), SW-36 (0.5') (880-45419-16), SW-37 (2') (880-45419-17), (880-45419-A-9-B MS) and (880-45419-A-9-C MSD).

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

Client Sample ID: CS-28 (1.5')

Lab Sample ID: 880-45419-1

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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		06/28/24 16:34	06/29/24 20:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/28/24 16:34	06/29/24 20:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/28/24 16:34	06/29/24 20:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/28/24 16:34	06/29/24 20:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/28/24 16:34	06/29/24 20:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/28/24 16:34	06/29/24 20:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	06/28/24 16:34	06/29/24 20:03	1
1,4-Difluorobenzene (Surr)	102		70 - 130	06/28/24 16:34	06/29/24 20:03	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			06/29/24 20:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/29/24 19:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/28/24 16:46	06/29/24 19:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U F1	49.8		mg/Kg		06/28/24 16:46	06/29/24 19:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 16:46	06/29/24 19:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130	06/28/24 16:46	06/29/24 19:19	1
o-Terphenyl	144	S1+	70 - 130	06/28/24 16:46	06/29/24 19:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.6		5.04		mg/Kg			06/29/24 02:07	1

Client Sample ID: CS-29 (1.5')

Lab Sample ID: 880-45419-2

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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		06/28/24 16:34	06/29/24 20:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/28/24 16:34	06/29/24 20:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/28/24 16:34	06/29/24 20:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/28/24 16:34	06/29/24 20:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/28/24 16:34	06/29/24 20:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/28/24 16:34	06/29/24 20:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	06/28/24 16:34	06/29/24 20:24	1
1,4-Difluorobenzene (Surr)	102		70 - 130	06/28/24 16:34	06/29/24 20:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

Client Sample ID: CS-29 (1.5')

Lab Sample ID: 880-45419-2

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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			06/29/24 20:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/29/24 20:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/28/24 16:46	06/29/24 20:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 16:46	06/29/24 20:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 16:46	06/29/24 20:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	172	S1+	70 - 130				06/28/24 16:46	06/29/24 20:18	1
o-Terphenyl	185	S1+	70 - 130				06/28/24 16:46	06/29/24 20:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.8		4.99		mg/Kg			06/29/24 02:14	1

Client Sample ID: CS-30 (1.5')

Lab Sample ID: 880-45419-3

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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		06/28/24 16:34	06/29/24 20:44	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/28/24 16:34	06/29/24 20:44	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/28/24 16:34	06/29/24 20:44	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/28/24 16:34	06/29/24 20:44	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/28/24 16:34	06/29/24 20:44	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/28/24 16:34	06/29/24 20:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				06/28/24 16:34	06/29/24 20:44	1
1,4-Difluorobenzene (Surr)	102		70 - 130				06/28/24 16:34	06/29/24 20:44	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			06/29/24 20:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/29/24 20:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/28/24 16:46	06/29/24 20:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/28/24 16:46	06/29/24 20:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

Client Sample ID: CS-30 (1.5')

Lab Sample ID: 880-45419-3

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/28/24 16:46	06/29/24 20:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130				06/28/24 16:46	06/29/24 20:37	1
o-Terphenyl	150	S1+	70 - 130				06/28/24 16:46	06/29/24 20:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.1		5.02		mg/Kg			06/29/24 02:20	1

Client Sample ID: CS-31 (1.5')

Lab Sample ID: 880-45419-4

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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		06/28/24 16:34	06/29/24 21:04	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/28/24 16:34	06/29/24 21:04	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/28/24 16:34	06/29/24 21:04	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/28/24 16:34	06/29/24 21:04	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/28/24 16:34	06/29/24 21:04	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/28/24 16:34	06/29/24 21:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				06/28/24 16:34	06/29/24 21:04	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/28/24 16:34	06/29/24 21:04	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			06/29/24 21:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/29/24 20:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/28/24 16:46	06/29/24 20:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/28/24 16:46	06/29/24 20:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/28/24 16:46	06/29/24 20:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130				06/28/24 16:46	06/29/24 20:56	1
o-Terphenyl	154	S1+	70 - 130				06/28/24 16:46	06/29/24 20:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.7		5.05		mg/Kg			06/29/24 02:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

Client Sample ID: CS-32 (1.5')

Lab Sample ID: 880-45419-5

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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		06/28/24 16:34	06/29/24 21:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/28/24 16:34	06/29/24 21:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/28/24 16:34	06/29/24 21:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/28/24 16:34	06/29/24 21:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/28/24 16:34	06/29/24 21:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/28/24 16:34	06/29/24 21:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/28/24 16:34	06/29/24 21:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/28/24 16:34	06/29/24 21:25	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			06/29/24 21:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/29/24 21:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/28/24 16:46	06/29/24 21:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 16:46	06/29/24 21:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 16:46	06/29/24 21:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130	06/28/24 16:46	06/29/24 21:16	1
o-Terphenyl	136	S1+	70 - 130	06/28/24 16:46	06/29/24 21:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.2		5.03		mg/Kg			06/29/24 02:47	1

Client Sample ID: CS-33 (1.5')

Lab Sample ID: 880-45419-6

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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		06/28/24 16:34	06/29/24 21:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 16:34	06/29/24 21:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/28/24 16:34	06/29/24 21:45	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/28/24 16:34	06/29/24 21:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 16:34	06/29/24 21:45	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/28/24 16:34	06/29/24 21:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	06/28/24 16:34	06/29/24 21:45	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/28/24 16:34	06/29/24 21:45	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

Client Sample ID: CS-33 (1.5')

Lab Sample ID: 880-45419-6

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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			06/29/24 21:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/29/24 21:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/28/24 16:46	06/29/24 21:35	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/28/24 16:46	06/29/24 21:35	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/28/24 16:46	06/29/24 21:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	152	S1+	70 - 130				06/28/24 16:46	06/29/24 21:35	1
o-Terphenyl	164	S1+	70 - 130				06/28/24 16:46	06/29/24 21:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.1		4.95		mg/Kg			06/29/24 02:54	1

Client Sample ID: CS-34 (1.5')

Lab Sample ID: 880-45419-7

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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		06/28/24 16:34	06/29/24 22:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/28/24 16:34	06/29/24 22:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/28/24 16:34	06/29/24 22:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/28/24 16:34	06/29/24 22:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/28/24 16:34	06/29/24 22:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/28/24 16:34	06/29/24 22:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/28/24 16:34	06/29/24 22:06	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/28/24 16:34	06/29/24 22:06	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			06/29/24 22:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/29/24 21:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/28/24 16:46	06/29/24 21:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 16:46	06/29/24 21:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

Client Sample ID: CS-34 (1.5')
Date Collected: 06/28/24 00:00
Date Received: 06/28/24 16:26

Lab Sample ID: 880-45419-7
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 16:46	06/29/24 21:54	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	149	S1+	70 - 130				06/28/24 16:46	06/29/24 21:54	1	
o-Terphenyl	157	S1+	70 - 130				06/28/24 16:46	06/29/24 21:54	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	9.79		4.99		mg/Kg			06/29/24 03:00	1	

Client Sample ID: CS-35 (4.5')
Date Collected: 06/28/24 00:00
Date Received: 06/28/24 16:26

Lab Sample ID: 880-45419-8
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00198	U	0.00198		mg/Kg		06/28/24 16:34	06/29/24 22:26	1	
Toluene	<0.00198	U	0.00198		mg/Kg		06/28/24 16:34	06/29/24 22:26	1	
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/28/24 16:34	06/29/24 22:26	1	
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/28/24 16:34	06/29/24 22:26	1	
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/28/24 16:34	06/29/24 22:26	1	
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/28/24 16:34	06/29/24 22:26	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	102		70 - 130				06/28/24 16:34	06/29/24 22:26	1	
1,4-Difluorobenzene (Surr)	100		70 - 130				06/28/24 16:34	06/29/24 22:26	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			06/29/24 22:26	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			06/29/24 22:13	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/28/24 16:46	06/29/24 22:13	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/28/24 16:46	06/29/24 22:13	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/28/24 16:46	06/29/24 22:13	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	149	S1+	70 - 130				06/28/24 16:46	06/29/24 22:13	1	
o-Terphenyl	164	S1+	70 - 130				06/28/24 16:46	06/29/24 22:13	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	36.1		4.97		mg/Kg			06/29/24 03:07	1	

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

Client Sample ID: CS-36 (2')

Lab Sample ID: 880-45419-9

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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		06/28/24 16:34	06/29/24 22:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 16:34	06/29/24 22:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/28/24 16:34	06/29/24 22:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/28/24 16:34	06/29/24 22:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 16:34	06/29/24 22:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/28/24 16:34	06/29/24 22:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	06/28/24 16:34	06/29/24 22:46	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/28/24 16:34	06/29/24 22:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			06/29/24 22:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/29/24 18:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/28/24 16:46	06/29/24 18:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 16:46	06/29/24 18:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 16:46	06/29/24 18:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	06/28/24 16:46	06/29/24 18:21	1
o-Terphenyl	99		70 - 130	06/28/24 16:46	06/29/24 18:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.2	F1	4.99		mg/Kg			06/29/24 03:13	1

Client Sample ID: CS-37 (2')

Lab Sample ID: 880-45419-10

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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		06/28/24 16:34	06/29/24 23:07	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/28/24 16:34	06/29/24 23:07	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/28/24 16:34	06/29/24 23:07	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/28/24 16:34	06/29/24 23:07	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/28/24 16:34	06/29/24 23:07	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/28/24 16:34	06/29/24 23:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	06/28/24 16:34	06/29/24 23:07	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/28/24 16:34	06/29/24 23:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

Client Sample ID: CS-37 (2')

Lab Sample ID: 880-45419-10

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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			06/29/24 23:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/29/24 18:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/28/24 16:46	06/29/24 18:40	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/28/24 16:46	06/29/24 18:40	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/28/24 16:46	06/29/24 18:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				06/28/24 16:46	06/29/24 18:40	1
o-Terphenyl	130		70 - 130				06/28/24 16:46	06/29/24 18:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.6		5.05		mg/Kg			06/29/24 03:33	1

Client Sample ID: CS-38 (2')

Lab Sample ID: 880-45419-11

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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		06/28/24 16:34	06/30/24 00:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/28/24 16:34	06/30/24 00:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/28/24 16:34	06/30/24 00:30	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/28/24 16:34	06/30/24 00:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/28/24 16:34	06/30/24 00:30	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/28/24 16:34	06/30/24 00:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				06/28/24 16:34	06/30/24 00:30	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/28/24 16:34	06/30/24 00:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			06/30/24 00:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/29/24 19:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/28/24 16:46	06/29/24 19:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 16:46	06/29/24 19:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

Client Sample ID: CS-38 (2')

Lab Sample ID: 880-45419-11

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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		06/28/24 16:46	06/29/24 19:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				06/28/24 16:46	06/29/24 19:00	1
o-Terphenyl	86		70 - 130				06/28/24 16:46	06/29/24 19:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	58.7		4.98		mg/Kg			06/29/24 03:40	1

Client Sample ID: CS-39 (2')

Lab Sample ID: 880-45419-12

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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		06/28/24 16:34	06/30/24 00:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/28/24 16:34	06/30/24 00:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/28/24 16:34	06/30/24 00:50	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/28/24 16:34	06/30/24 00:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/28/24 16:34	06/30/24 00:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/28/24 16:34	06/30/24 00:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				06/28/24 16:34	06/30/24 00:50	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/28/24 16:34	06/30/24 00:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/30/24 00:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/29/24 19:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/28/24 16:46	06/29/24 19:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 16:46	06/29/24 19:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 16:46	06/29/24 19:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				06/28/24 16:46	06/29/24 19:19	1
o-Terphenyl	126		70 - 130				06/28/24 16:46	06/29/24 19:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.5		4.99		mg/Kg			06/29/24 04:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

Client Sample ID: SW-33 (4.5')

Lab Sample ID: 880-45419-13

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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		06/28/24 16:34	06/30/24 01:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 16:34	06/30/24 01:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/28/24 16:34	06/30/24 01:11	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/28/24 16:34	06/30/24 01:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 16:34	06/30/24 01:11	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/28/24 16:34	06/30/24 01:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	06/28/24 16:34	06/30/24 01:11	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/28/24 16:34	06/30/24 01:11	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			06/30/24 01:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/29/24 19:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/28/24 16:46	06/29/24 19:38	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/28/24 16:46	06/29/24 19:38	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/28/24 16:46	06/29/24 19:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	06/28/24 16:46	06/29/24 19:38	1
o-Terphenyl	110		70 - 130	06/28/24 16:46	06/29/24 19:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.0		5.04		mg/Kg			06/29/24 04:06	1

Client Sample ID: SW-34 (1')

Lab Sample ID: 880-45419-14

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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		06/28/24 16:34	06/30/24 01:31	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/28/24 16:34	06/30/24 01:31	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/28/24 16:34	06/30/24 01:31	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/28/24 16:34	06/30/24 01:31	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/28/24 16:34	06/30/24 01:31	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/28/24 16:34	06/30/24 01:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/28/24 16:34	06/30/24 01:31	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/28/24 16:34	06/30/24 01:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

Client Sample ID: SW-34 (1')

Lab Sample ID: 880-45419-14

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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			06/30/24 01:31	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			06/29/24 19:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/28/24 16:46	06/29/24 19:58	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/28/24 16:46	06/29/24 19:58	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/28/24 16:46	06/29/24 19:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				06/28/24 16:46	06/29/24 19:58	1
o-Terphenyl	128		70 - 130				06/28/24 16:46	06/29/24 19:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.6		5.00		mg/Kg			06/29/24 04:13	1

Client Sample ID: SW-35 (0.5')

Lab Sample ID: 880-45419-15

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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		06/28/24 16:34	06/30/24 01:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 16:34	06/30/24 01:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/28/24 16:34	06/30/24 01:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/28/24 16:34	06/30/24 01:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 16:34	06/30/24 01:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/28/24 16:34	06/30/24 01:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				06/28/24 16:34	06/30/24 01:51	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/28/24 16:34	06/30/24 01:51	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			06/30/24 01:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/29/24 20:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/28/24 16:46	06/29/24 20:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/28/24 16:46	06/29/24 20:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

Client Sample ID: SW-35 (0.5')

Lab Sample ID: 880-45419-15

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/28/24 16:46	06/29/24 20:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130				06/28/24 16:46	06/29/24 20:18	1
o-Terphenyl	80		70 - 130				06/28/24 16:46	06/29/24 20:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.9		4.96		mg/Kg			06/29/24 04:20	1

Client Sample ID: SW-36 (0.5')

Lab Sample ID: 880-45419-16

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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		06/28/24 16:34	06/30/24 02:12	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/28/24 16:34	06/30/24 02:12	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/28/24 16:34	06/30/24 02:12	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/28/24 16:34	06/30/24 02:12	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/28/24 16:34	06/30/24 02:12	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/28/24 16:34	06/30/24 02:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				06/28/24 16:34	06/30/24 02:12	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/28/24 16:34	06/30/24 02:12	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			06/30/24 02:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/29/24 20:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/28/24 16:46	06/29/24 20:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 16:46	06/29/24 20:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 16:46	06/29/24 20:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				06/28/24 16:46	06/29/24 20:37	1
o-Terphenyl	105		70 - 130				06/28/24 16:46	06/29/24 20:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.2		5.03		mg/Kg			06/29/24 04:26	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

Client Sample ID: SW-37 (2')

Lab Sample ID: 880-45419-17

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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		06/28/24 16:34	06/30/24 02:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 16:34	06/30/24 02:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/28/24 16:34	06/30/24 02:32	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/28/24 16:34	06/30/24 02:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 16:34	06/30/24 02:32	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/28/24 16:34	06/30/24 02:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	06/28/24 16:34	06/30/24 02:32	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/28/24 16:34	06/30/24 02:32	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			06/30/24 02:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/29/24 20:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/28/24 16:46	06/29/24 20:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/28/24 16:46	06/29/24 20:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/28/24 16:46	06/29/24 20:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	06/28/24 16:46	06/29/24 20:56	1
o-Terphenyl	104		70 - 130	06/28/24 16:46	06/29/24 20:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		5.02		mg/Kg			06/29/24 04:33	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

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

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
880-45419-1	CS-28 (1.5')	102	102				
880-45419-1 MS	CS-28 (1.5')	100	99				
880-45419-1 MSD	CS-28 (1.5')	100	99				
880-45419-2	CS-29 (1.5')	105	102				
880-45419-3	CS-30 (1.5')	104	102				
880-45419-4	CS-31 (1.5')	102	101				
880-45419-5	CS-32 (1.5')	103	101				
880-45419-6	CS-33 (1.5')	104	101				
880-45419-7	CS-34 (1.5')	105	101				
880-45419-8	CS-35 (4.5')	102	100				
880-45419-9	CS-36 (2')	102	100				
880-45419-10	CS-37 (2')	105	101				
880-45419-11	CS-38 (2')	102	101				
880-45419-12	CS-39 (2')	102	101				
880-45419-13	SW-33 (4.5')	101	100				
880-45419-14	SW-34 (1')	103	100				
880-45419-15	SW-35 (0.5')	102	100				
880-45419-16	SW-36 (0.5')	102	101				
880-45419-17	SW-37 (2')	104	101				
LCS 880-84596/1-A	Lab Control Sample	100	99				
LCSD 880-84596/2-A	Lab Control Sample Dup	100	99				
MB 880-84495/5-A	Method Blank	103	98				
MB 880-84596/5-A	Method Blank	102	99				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

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

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
880-45419-1	CS-28 (1.5')	130	144 S1+				
880-45419-1 MS	CS-28 (1.5')	135 S1+	139 S1+				
880-45419-1 MSD	CS-28 (1.5')	137 S1+	139 S1+				
880-45419-2	CS-29 (1.5')	172 S1+	185 S1+				
880-45419-3	CS-30 (1.5')	137 S1+	150 S1+				
880-45419-4	CS-31 (1.5')	137 S1+	154 S1+				
880-45419-5	CS-32 (1.5')	127	136 S1+				
880-45419-6	CS-33 (1.5')	152 S1+	164 S1+				
880-45419-7	CS-34 (1.5')	149 S1+	157 S1+				
880-45419-8	CS-35 (4.5')	149 S1+	164 S1+				
880-45419-9	CS-36 (2')	90	99				
880-45419-10	CS-37 (2')	119	130				
880-45419-11	CS-38 (2')	74	86				
880-45419-12	CS-39 (2')	115	126				
880-45419-13	SW-33 (4.5')	99	110				
880-45419-14	SW-34 (1')	117	128				

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-45419-1

Project/Site: Antero New Riser Spill

SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-45419-15	SW-35 (0.5')	68 S1-	80
880-45419-16	SW-36 (0.5')	93	105
880-45419-17	SW-37 (2')	95	104
LCS 880-84599/2-A	Lab Control Sample	114	120
LCSD 880-84599/3-A	Lab Control Sample Dup	102	108
MB 880-84599/1-A	Method Blank	246 S1+	270 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-84495/5-A

Matrix: Solid

Analysis Batch: 84457

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84495

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/28/24 11:09	06/29/24 09:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 11:09	06/29/24 09:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/28/24 11:09	06/29/24 09:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/28/24 11:09	06/29/24 09:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 11:09	06/29/24 09:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/28/24 11:09	06/29/24 09:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/28/24 11:09	06/29/24 09:26	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/28/24 11:09	06/29/24 09:26	1

Lab Sample ID: MB 880-84596/5-A

Matrix: Solid

Analysis Batch: 84457

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84596

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/28/24 16:34	06/29/24 19:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 16:34	06/29/24 19:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/28/24 16:34	06/29/24 19:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/28/24 16:34	06/29/24 19:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 16:34	06/29/24 19:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/28/24 16:34	06/29/24 19:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	06/28/24 16:34	06/29/24 19:42	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/28/24 16:34	06/29/24 19:42	1

Lab Sample ID: LCS 880-84596/1-A

Matrix: Solid

Analysis Batch: 84457

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 84596

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09616		mg/Kg		96	70 - 130
Toluene	0.100	0.09002		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09498		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.1845		mg/Kg		92	70 - 130
o-Xylene	0.100	0.09348		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-84596/2-A

Matrix: Solid

Analysis Batch: 84457

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 84596

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09840		mg/Kg		98	70 - 130	2	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-84596/2-A

Matrix: Solid

Analysis Batch: 84457

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 84596

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Toluene	0.100	0.09231		mg/Kg		92	70 - 130		3	35
Ethylbenzene	0.100	0.09691		mg/Kg		97	70 - 130		2	35
m-Xylene & p-Xylene	0.200	0.1886		mg/Kg		94	70 - 130		2	35
o-Xylene	0.100	0.09548		mg/Kg		95	70 - 130		2	35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-45419-1 MS

Matrix: Solid

Analysis Batch: 84457

Client Sample ID: CS-28 (1.5')

Prep Type: Total/NA

Prep Batch: 84596

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Benzene	<0.00199	U	0.0996	0.08915		mg/Kg		90	70 - 130	
Toluene	<0.00199	U	0.0996	0.08211		mg/Kg		82	70 - 130	
Ethylbenzene	<0.00199	U	0.0996	0.08403		mg/Kg		84	70 - 130	
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1621		mg/Kg		81	70 - 130	
o-Xylene	<0.00199	U	0.0996	0.08186		mg/Kg		82	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-45419-1 MSD

Matrix: Solid

Analysis Batch: 84457

Client Sample ID: CS-28 (1.5')

Prep Type: Total/NA

Prep Batch: 84596

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits			
Benzene	<0.00199	U	0.101	0.09075		mg/Kg		90	70 - 130		2	35
Toluene	<0.00199	U	0.101	0.08321		mg/Kg		83	70 - 130		1	35
Ethylbenzene	<0.00199	U	0.101	0.08594		mg/Kg		85	70 - 130		2	35
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1660		mg/Kg		82	70 - 130		2	35
o-Xylene	<0.00199	U	0.101	0.08386		mg/Kg		83	70 - 130		2	35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

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

Lab Sample ID: MB 880-84599/1-A

Matrix: Solid

Analysis Batch: 84626

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84599

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		06/28/24 16:46	06/29/24 18:21	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-84599/1-A
Matrix: Solid
Analysis Batch: 84626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84599

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 16:46	06/29/24 18:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 16:46	06/29/24 18:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	246	S1+	70 - 130	06/28/24 16:46	06/29/24 18:21	1
o-Terphenyl	270	S1+	70 - 130	06/28/24 16:46	06/29/24 18:21	1

Lab Sample ID: LCS 880-84599/2-A
Matrix: Solid
Analysis Batch: 84626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84599

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	907.4		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	963.1		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	120		70 - 130

Lab Sample ID: LCSD 880-84599/3-A
Matrix: Solid
Analysis Batch: 84626

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 84599

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	858.8		mg/Kg		86	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	907.5		mg/Kg		91	70 - 130	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: 880-45419-1 MS
Matrix: Solid
Analysis Batch: 84626

Client Sample ID: CS-28 (1.5')
Prep Type: Total/NA
Prep Batch: 84599

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1000	933.2		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U F1	1000	708.8	F1	mg/Kg		68	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	135	S1+	70 - 130
o-Terphenyl	139	S1+	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-45419-1 MSD

Matrix: Solid

Analysis Batch: 84626

Client Sample ID: CS-28 (1.5')

Prep Type: Total/NA

Prep Batch: 84599

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1000	949.4		mg/Kg		91	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.8	U F1	1000	728.0		mg/Kg		70	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	137	S1+	70 - 130								
o-Terphenyl	139	S1+	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-84598/1-A

Matrix: Solid

Analysis Batch: 84605

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<5.00	U	5.00		mg/Kg			06/29/24 01:21	1

Lab Sample ID: LCS 880-84598/2-A

Matrix: Solid

Analysis Batch: 84605

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	228.6		mg/Kg		91	90 - 110

Lab Sample ID: LCSD 880-84598/3-A

Matrix: Solid

Analysis Batch: 84605

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec	RPD
							Limits	RPD
Chloride	250	228.8		mg/Kg	-	92	90 - 110	0

Lab Sample ID: 880-45419-9 MS

Matrix: Solid

Analysis Batch: 84605

Client Sample ID: CS-36 (2")

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	36.2	F1	250	235.7	F1	mg/Kg	-	80	90 - 110

Lab Sample ID: 880-45419-9 MSD

Matrix: Solid

Analysis Batch: 84605

Client Sample ID: CS-36 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limits
Chloride	36.2	F1	250	234.3	F1	mg/Kg	-	79	90 - 110	1	20

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QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 84457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45419-1	CS-28 (1.5')	Total/NA	Solid	8021B	84596
880-45419-2	CS-29 (1.5')	Total/NA	Solid	8021B	84596
880-45419-3	CS-30 (1.5')	Total/NA	Solid	8021B	84596
880-45419-4	CS-31 (1.5')	Total/NA	Solid	8021B	84596
880-45419-5	CS-32 (1.5')	Total/NA	Solid	8021B	84596
880-45419-6	CS-33 (1.5')	Total/NA	Solid	8021B	84596
880-45419-7	CS-34 (1.5')	Total/NA	Solid	8021B	84596
880-45419-8	CS-35 (4.5')	Total/NA	Solid	8021B	84596
880-45419-9	CS-36 (2')	Total/NA	Solid	8021B	84596
880-45419-10	CS-37 (2')	Total/NA	Solid	8021B	84596
880-45419-11	CS-38 (2')	Total/NA	Solid	8021B	84596
880-45419-12	CS-39 (2')	Total/NA	Solid	8021B	84596
880-45419-13	SW-33 (4.5')	Total/NA	Solid	8021B	84596
880-45419-14	SW-34 (1')	Total/NA	Solid	8021B	84596
880-45419-15	SW-35 (0.5')	Total/NA	Solid	8021B	84596
880-45419-16	SW-36 (0.5')	Total/NA	Solid	8021B	84596
880-45419-17	SW-37 (2')	Total/NA	Solid	8021B	84596
MB 880-84495/5-A	Method Blank	Total/NA	Solid	8021B	84495
MB 880-84596/5-A	Method Blank	Total/NA	Solid	8021B	84596
LCS 880-84596/1-A	Lab Control Sample	Total/NA	Solid	8021B	84596
LCSD 880-84596/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	84596
880-45419-1 MS	CS-28 (1.5')	Total/NA	Solid	8021B	84596
880-45419-1 MSD	CS-28 (1.5')	Total/NA	Solid	8021B	84596

Prep Batch: 84495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-84495/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 84596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45419-1	CS-28 (1.5')	Total/NA	Solid	5035	
880-45419-2	CS-29 (1.5')	Total/NA	Solid	5035	
880-45419-3	CS-30 (1.5')	Total/NA	Solid	5035	
880-45419-4	CS-31 (1.5')	Total/NA	Solid	5035	
880-45419-5	CS-32 (1.5')	Total/NA	Solid	5035	
880-45419-6	CS-33 (1.5')	Total/NA	Solid	5035	
880-45419-7	CS-34 (1.5')	Total/NA	Solid	5035	
880-45419-8	CS-35 (4.5')	Total/NA	Solid	5035	
880-45419-9	CS-36 (2')	Total/NA	Solid	5035	
880-45419-10	CS-37 (2')	Total/NA	Solid	5035	
880-45419-11	CS-38 (2')	Total/NA	Solid	5035	
880-45419-12	CS-39 (2')	Total/NA	Solid	5035	
880-45419-13	SW-33 (4.5')	Total/NA	Solid	5035	
880-45419-14	SW-34 (1')	Total/NA	Solid	5035	
880-45419-15	SW-35 (0.5')	Total/NA	Solid	5035	
880-45419-16	SW-36 (0.5')	Total/NA	Solid	5035	
880-45419-17	SW-37 (2')	Total/NA	Solid	5035	
MB 880-84596/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-84596/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-84596/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-45419-1 MS	CS-28 (1.5')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 84596 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45419-1 MSD	CS-28 (1.5')	Total/NA	Solid	5035	

Analysis Batch: 84687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45419-1	CS-28 (1.5')	Total/NA	Solid	Total BTEX	
880-45419-2	CS-29 (1.5')	Total/NA	Solid	Total BTEX	
880-45419-3	CS-30 (1.5')	Total/NA	Solid	Total BTEX	
880-45419-4	CS-31 (1.5')	Total/NA	Solid	Total BTEX	
880-45419-5	CS-32 (1.5')	Total/NA	Solid	Total BTEX	
880-45419-6	CS-33 (1.5')	Total/NA	Solid	Total BTEX	
880-45419-7	CS-34 (1.5')	Total/NA	Solid	Total BTEX	
880-45419-8	CS-35 (4.5')	Total/NA	Solid	Total BTEX	
880-45419-9	CS-36 (2')	Total/NA	Solid	Total BTEX	
880-45419-10	CS-37 (2')	Total/NA	Solid	Total BTEX	
880-45419-11	CS-38 (2')	Total/NA	Solid	Total BTEX	
880-45419-12	CS-39 (2')	Total/NA	Solid	Total BTEX	
880-45419-13	SW-33 (4.5')	Total/NA	Solid	Total BTEX	
880-45419-14	SW-34 (1')	Total/NA	Solid	Total BTEX	
880-45419-15	SW-35 (0.5')	Total/NA	Solid	Total BTEX	
880-45419-16	SW-36 (0.5')	Total/NA	Solid	Total BTEX	
880-45419-17	SW-37 (2')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 84599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45419-1	CS-28 (1.5')	Total/NA	Solid	8015NM Prep	
880-45419-2	CS-29 (1.5')	Total/NA	Solid	8015NM Prep	
880-45419-3	CS-30 (1.5')	Total/NA	Solid	8015NM Prep	
880-45419-4	CS-31 (1.5')	Total/NA	Solid	8015NM Prep	
880-45419-5	CS-32 (1.5')	Total/NA	Solid	8015NM Prep	
880-45419-6	CS-33 (1.5')	Total/NA	Solid	8015NM Prep	
880-45419-7	CS-34 (1.5')	Total/NA	Solid	8015NM Prep	
880-45419-8	CS-35 (4.5')	Total/NA	Solid	8015NM Prep	
880-45419-9	CS-36 (2')	Total/NA	Solid	8015NM Prep	
880-45419-10	CS-37 (2')	Total/NA	Solid	8015NM Prep	
880-45419-11	CS-38 (2')	Total/NA	Solid	8015NM Prep	
880-45419-12	CS-39 (2')	Total/NA	Solid	8015NM Prep	
880-45419-13	SW-33 (4.5')	Total/NA	Solid	8015NM Prep	
880-45419-14	SW-34 (1')	Total/NA	Solid	8015NM Prep	
880-45419-15	SW-35 (0.5')	Total/NA	Solid	8015NM Prep	
880-45419-16	SW-36 (0.5')	Total/NA	Solid	8015NM Prep	
880-45419-17	SW-37 (2')	Total/NA	Solid	8015NM Prep	
MB 880-84599/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-84599/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-84599/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-45419-1 MS	CS-28 (1.5')	Total/NA	Solid	8015NM Prep	
880-45419-1 MSD	CS-28 (1.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

GC Semi VOA

Analysis Batch: 84625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45419-9	CS-36 (2')	Total/NA	Solid	8015B NM	84599
880-45419-10	CS-37 (2')	Total/NA	Solid	8015B NM	84599
880-45419-11	CS-38 (2')	Total/NA	Solid	8015B NM	84599
880-45419-12	CS-39 (2')	Total/NA	Solid	8015B NM	84599
880-45419-13	SW-33 (4.5')	Total/NA	Solid	8015B NM	84599
880-45419-14	SW-34 (1')	Total/NA	Solid	8015B NM	84599
880-45419-15	SW-35 (0.5')	Total/NA	Solid	8015B NM	84599
880-45419-16	SW-36 (0.5')	Total/NA	Solid	8015B NM	84599
880-45419-17	SW-37 (2')	Total/NA	Solid	8015B NM	84599

Analysis Batch: 84626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45419-1	CS-28 (1.5')	Total/NA	Solid	8015B NM	84599
880-45419-2	CS-29 (1.5')	Total/NA	Solid	8015B NM	84599
880-45419-3	CS-30 (1.5')	Total/NA	Solid	8015B NM	84599
880-45419-4	CS-31 (1.5')	Total/NA	Solid	8015B NM	84599
880-45419-5	CS-32 (1.5')	Total/NA	Solid	8015B NM	84599
880-45419-6	CS-33 (1.5')	Total/NA	Solid	8015B NM	84599
880-45419-7	CS-34 (1.5')	Total/NA	Solid	8015B NM	84599
880-45419-8	CS-35 (4.5')	Total/NA	Solid	8015B NM	84599
MB 880-84599/1-A	Method Blank	Total/NA	Solid	8015B NM	84599
LCS 880-84599/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	84599
LCSD 880-84599/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	84599
880-45419-1 MS	CS-28 (1.5')	Total/NA	Solid	8015B NM	84599
880-45419-1 MSD	CS-28 (1.5')	Total/NA	Solid	8015B NM	84599

Analysis Batch: 84744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45419-1	CS-28 (1.5')	Total/NA	Solid	8015 NM	
880-45419-2	CS-29 (1.5')	Total/NA	Solid	8015 NM	
880-45419-3	CS-30 (1.5')	Total/NA	Solid	8015 NM	
880-45419-4	CS-31 (1.5')	Total/NA	Solid	8015 NM	
880-45419-5	CS-32 (1.5')	Total/NA	Solid	8015 NM	
880-45419-6	CS-33 (1.5')	Total/NA	Solid	8015 NM	
880-45419-7	CS-34 (1.5')	Total/NA	Solid	8015 NM	
880-45419-8	CS-35 (4.5')	Total/NA	Solid	8015 NM	
880-45419-9	CS-36 (2')	Total/NA	Solid	8015 NM	
880-45419-10	CS-37 (2')	Total/NA	Solid	8015 NM	
880-45419-11	CS-38 (2')	Total/NA	Solid	8015 NM	
880-45419-12	CS-39 (2')	Total/NA	Solid	8015 NM	
880-45419-13	SW-33 (4.5')	Total/NA	Solid	8015 NM	
880-45419-14	SW-34 (1')	Total/NA	Solid	8015 NM	
880-45419-15	SW-35 (0.5')	Total/NA	Solid	8015 NM	
880-45419-16	SW-36 (0.5')	Total/NA	Solid	8015 NM	
880-45419-17	SW-37 (2')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 84598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45419-1	CS-28 (1.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 84598 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45419-2	CS-29 (1.5')	Soluble	Solid	DI Leach	
880-45419-3	CS-30 (1.5')	Soluble	Solid	DI Leach	
880-45419-4	CS-31 (1.5')	Soluble	Solid	DI Leach	
880-45419-5	CS-32 (1.5')	Soluble	Solid	DI Leach	
880-45419-6	CS-33 (1.5')	Soluble	Solid	DI Leach	
880-45419-7	CS-34 (1.5')	Soluble	Solid	DI Leach	
880-45419-8	CS-35 (4.5')	Soluble	Solid	DI Leach	
880-45419-9	CS-36 (2')	Soluble	Solid	DI Leach	
880-45419-10	CS-37 (2')	Soluble	Solid	DI Leach	
880-45419-11	CS-38 (2')	Soluble	Solid	DI Leach	
880-45419-12	CS-39 (2')	Soluble	Solid	DI Leach	
880-45419-13	SW-33 (4.5')	Soluble	Solid	DI Leach	
880-45419-14	SW-34 (1')	Soluble	Solid	DI Leach	
880-45419-15	SW-35 (0.5')	Soluble	Solid	DI Leach	
880-45419-16	SW-36 (0.5')	Soluble	Solid	DI Leach	
880-45419-17	SW-37 (2')	Soluble	Solid	DI Leach	
MB 880-84598/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-84598/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-84598/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-45419-9 MS	CS-36 (2')	Soluble	Solid	DI Leach	
880-45419-9 MSD	CS-36 (2')	Soluble	Solid	DI Leach	

Analysis Batch: 84605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45419-1	CS-28 (1.5')	Soluble	Solid	300.0	84598
880-45419-2	CS-29 (1.5')	Soluble	Solid	300.0	84598
880-45419-3	CS-30 (1.5')	Soluble	Solid	300.0	84598
880-45419-4	CS-31 (1.5')	Soluble	Solid	300.0	84598
880-45419-5	CS-32 (1.5')	Soluble	Solid	300.0	84598
880-45419-6	CS-33 (1.5')	Soluble	Solid	300.0	84598
880-45419-7	CS-34 (1.5')	Soluble	Solid	300.0	84598
880-45419-8	CS-35 (4.5')	Soluble	Solid	300.0	84598
880-45419-9	CS-36 (2')	Soluble	Solid	300.0	84598
880-45419-10	CS-37 (2')	Soluble	Solid	300.0	84598
880-45419-11	CS-38 (2')	Soluble	Solid	300.0	84598
880-45419-12	CS-39 (2')	Soluble	Solid	300.0	84598
880-45419-13	SW-33 (4.5')	Soluble	Solid	300.0	84598
880-45419-14	SW-34 (1')	Soluble	Solid	300.0	84598
880-45419-15	SW-35 (0.5')	Soluble	Solid	300.0	84598
880-45419-16	SW-36 (0.5')	Soluble	Solid	300.0	84598
880-45419-17	SW-37 (2')	Soluble	Solid	300.0	84598
MB 880-84598/1-A	Method Blank	Soluble	Solid	300.0	84598
LCS 880-84598/2-A	Lab Control Sample	Soluble	Solid	300.0	84598
LCSD 880-84598/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	84598
880-45419-9 MS	CS-36 (2')	Soluble	Solid	300.0	84598
880-45419-9 MSD	CS-36 (2')	Soluble	Solid	300.0	84598

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

Client Sample ID: CS-28 (1.5')
Date Collected: 06/28/24 00:00
Date Received: 06/28/24 16:26

Lab Sample ID: 880-45419-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	84596	06/28/24 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/29/24 20:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84687	06/29/24 20:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			84744	06/29/24 19:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84599	06/28/24 16:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84626	06/29/24 19:19	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	84598	06/28/24 16:42	SA	EET MID
Soluble	Analysis	300.0		1			84605	06/29/24 02:07	SMC	EET MID

Client Sample ID: CS-29 (1.5')
Date Collected: 06/28/24 00:00
Date Received: 06/28/24 16:26

Lab Sample ID: 880-45419-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	84596	06/28/24 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/29/24 20:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84687	06/29/24 20:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			84744	06/29/24 20:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84599	06/28/24 16:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84626	06/29/24 20:18	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	84598	06/28/24 16:42	SA	EET MID
Soluble	Analysis	300.0		1			84605	06/29/24 02:14	SMC	EET MID

Client Sample ID: CS-30 (1.5')
Date Collected: 06/28/24 00:00
Date Received: 06/28/24 16:26

Lab Sample ID: 880-45419-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	84596	06/28/24 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/29/24 20:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84687	06/29/24 20:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			84744	06/29/24 20:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	84599	06/28/24 16:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84626	06/29/24 20:37	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	84598	06/28/24 16:42	SA	EET MID
Soluble	Analysis	300.0		1			84605	06/29/24 02:20	SMC	EET MID

Client Sample ID: CS-31 (1.5')
Date Collected: 06/28/24 00:00
Date Received: 06/28/24 16:26

Lab Sample ID: 880-45419-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	84596	06/28/24 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/29/24 21:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84687	06/29/24 21:04	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

Client Sample ID: CS-31 (1.5')

Lab Sample ID: 880-45419-4

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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			84744	06/29/24 20:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	84599	06/28/24 16:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84626	06/29/24 20:56	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	84598	06/28/24 16:42	SA	EET MID
Soluble	Analysis	300.0		1			84605	06/29/24 02:40	SMC	EET MID

Client Sample ID: CS-32 (1.5')

Lab Sample ID: 880-45419-5

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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	84596	06/28/24 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/29/24 21:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84687	06/29/24 21:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			84744	06/29/24 21:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84599	06/28/24 16:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84626	06/29/24 21:16	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	84598	06/28/24 16:42	SA	EET MID
Soluble	Analysis	300.0		1			84605	06/29/24 02:47	SMC	EET MID

Client Sample ID: CS-33 (1.5')

Lab Sample ID: 880-45419-6

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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	84596	06/28/24 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/29/24 21:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84687	06/29/24 21:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			84744	06/29/24 21:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	84599	06/28/24 16:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84626	06/29/24 21:35	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	84598	06/28/24 16:42	SA	EET MID
Soluble	Analysis	300.0		1			84605	06/29/24 02:54	SMC	EET MID

Client Sample ID: CS-34 (1.5')

Lab Sample ID: 880-45419-7

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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	84596	06/28/24 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/29/24 22:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84687	06/29/24 22:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			84744	06/29/24 21:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84599	06/28/24 16:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84626	06/29/24 21:54	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

Client Sample ID: CS-34 (1.5')

Lab Sample ID: 880-45419-7

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	84598	06/28/24 16:42	SA	EET MID
Soluble	Analysis	300.0		1			84605	06/29/24 03:00	SMC	EET MID

Client Sample ID: CS-35 (4.5')

Lab Sample ID: 880-45419-8

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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	84596	06/28/24 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/29/24 22:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84687	06/29/24 22:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			84744	06/29/24 22:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	84599	06/28/24 16:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84626	06/29/24 22:13	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	84598	06/28/24 16:42	SA	EET MID
Soluble	Analysis	300.0		1			84605	06/29/24 03:07	SMC	EET MID

Client Sample ID: CS-36 (2')

Lab Sample ID: 880-45419-9

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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	84596	06/28/24 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/29/24 22:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84687	06/29/24 22:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			84744	06/29/24 18:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84599	06/28/24 16:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84625	06/29/24 18:21	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	84598	06/28/24 16:42	SA	EET MID
Soluble	Analysis	300.0		1			84605	06/29/24 03:13	SMC	EET MID

Client Sample ID: CS-37 (2')

Lab Sample ID: 880-45419-10

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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	84596	06/28/24 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/29/24 23:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84687	06/29/24 23:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			84744	06/29/24 18:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	84599	06/28/24 16:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84625	06/29/24 18:40	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	84598	06/28/24 16:42	SA	EET MID
Soluble	Analysis	300.0		1			84605	06/29/24 03:33	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

Client Sample ID: CS-38 (2')
Date Collected: 06/28/24 00:00
Date Received: 06/28/24 16:26

Lab Sample ID: 880-45419-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	84596	06/28/24 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/30/24 00:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84687	06/30/24 00:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			84744	06/29/24 19:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84599	06/28/24 16:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84625	06/29/24 19:00	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	84598	06/28/24 16:42	SA	EET MID
Soluble	Analysis	300.0		1			84605	06/29/24 03:40	SMC	EET MID

Client Sample ID: CS-39 (2')
Date Collected: 06/28/24 00:00
Date Received: 06/28/24 16:26

Lab Sample ID: 880-45419-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	84596	06/28/24 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/30/24 00:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84687	06/30/24 00:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			84744	06/29/24 19:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84599	06/28/24 16:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84625	06/29/24 19:19	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	84598	06/28/24 16:42	SA	EET MID
Soluble	Analysis	300.0		1			84605	06/29/24 04:00	SMC	EET MID

Client Sample ID: SW-33 (4.5')
Date Collected: 06/28/24 00:00
Date Received: 06/28/24 16:26

Lab Sample ID: 880-45419-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	84596	06/28/24 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/30/24 01:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84687	06/30/24 01:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			84744	06/29/24 19:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	84599	06/28/24 16:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84625	06/29/24 19:38	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	84598	06/28/24 16:42	SA	EET MID
Soluble	Analysis	300.0		1			84605	06/29/24 04:06	SMC	EET MID

Client Sample ID: SW-34 (1')
Date Collected: 06/28/24 00:00
Date Received: 06/28/24 16:26

Lab Sample ID: 880-45419-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	84596	06/28/24 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/30/24 01:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84687	06/30/24 01:31	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

Client Sample ID: SW-34 (1')

Lab Sample ID: 880-45419-14

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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			84744	06/29/24 19:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	84599	06/28/24 16:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84625	06/29/24 19:58	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	84598	06/28/24 16:42	SA	EET MID
Soluble	Analysis	300.0		1			84605	06/29/24 04:13	SMC	EET MID

Client Sample ID: SW-35 (0.5')

Lab Sample ID: 880-45419-15

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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	84596	06/28/24 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/30/24 01:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84687	06/30/24 01:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			84744	06/29/24 20:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	84599	06/28/24 16:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84625	06/29/24 20:18	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	84598	06/28/24 16:42	SA	EET MID
Soluble	Analysis	300.0		1			84605	06/29/24 04:20	SMC	EET MID

Client Sample ID: SW-36 (0.5')

Lab Sample ID: 880-45419-16

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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	84596	06/28/24 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/30/24 02:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84687	06/30/24 02:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			84744	06/29/24 20:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84599	06/28/24 16:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84625	06/29/24 20:37	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	84598	06/28/24 16:42	SA	EET MID
Soluble	Analysis	300.0		1			84605	06/29/24 04:26	SMC	EET MID

Client Sample ID: SW-37 (2')

Lab Sample ID: 880-45419-17

Date Collected: 06/28/24 00:00

Matrix: Solid

Date Received: 06/28/24 16:26

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	84596	06/28/24 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84457	06/30/24 02:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84687	06/30/24 02:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			84744	06/29/24 20:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	84599	06/28/24 16:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84625	06/29/24 20:56	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

Client Sample ID: SW-37 (2')
Date Collected: 06/28/24 00:00
Date Received: 06/28/24 16:26

Lab Sample ID: 880-45419-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	84598	06/28/24 16:42	SA	EET MID
Soluble	Analysis	300.0		1			84605	06/29/24 04:33	SMC	EET MID

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: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-24
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: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45419-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-45419-1	CS-28 (1.5')	Solid	06/28/24 00:00	06/28/24 16:26
880-45419-2	CS-29 (1.5')	Solid	06/28/24 00:00	06/28/24 16:26
880-45419-3	CS-30 (1.5')	Solid	06/28/24 00:00	06/28/24 16:26
880-45419-4	CS-31 (1.5')	Solid	06/28/24 00:00	06/28/24 16:26
880-45419-5	CS-32 (1.5')	Solid	06/28/24 00:00	06/28/24 16:26
880-45419-6	CS-33 (1.5')	Solid	06/28/24 00:00	06/28/24 16:26
880-45419-7	CS-34 (1.5')	Solid	06/28/24 00:00	06/28/24 16:26
880-45419-8	CS-35 (4.5')	Solid	06/28/24 00:00	06/28/24 16:26
880-45419-9	CS-36 (2')	Solid	06/28/24 00:00	06/28/24 16:26
880-45419-10	CS-37 (2')	Solid	06/28/24 00:00	06/28/24 16:26
880-45419-11	CS-38 (2')	Solid	06/28/24 00:00	06/28/24 16:26
880-45419-12	CS-39 (2')	Solid	06/28/24 00:00	06/28/24 16:26
880-45419-13	SW-33 (4.5')	Solid	06/28/24 00:00	06/28/24 16:26
880-45419-14	SW-34 (1')	Solid	06/28/24 00:00	06/28/24 16:26
880-45419-15	SW-35 (0.5')	Solid	06/28/24 00:00	06/28/24 16:26
880-45419-16	SW-36 (0.5')	Solid	06/28/24 00:00	06/28/24 16:26
880-45419-17	SW-37 (2')	Solid	06/28/24 00:00	06/28/24 16:26

Chain of Custody

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880-45419 Chain of Custody

Page 1 of 2

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Cammona 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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Iperfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	Antero New Riser Spill		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	2233		☐ Routine	☒ Rush		24 Hour													None: NO	DI Water: H ₂ O		
Project Location:	Lea County, New Mexico		Due Date:																Cool: Cool	MeOH: Me		
Sampler's Name:	JM/JR																		HCL: HC	HNO ₃ : HN		
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na			
SAMPLE RECEIPT			Temp Blank:	Yes No	Wet Ice:	Yes No													H ₃ PO ₄ : HP			
Received Intact:	Yes No	Thermometer ID:			Yes No													NaHSO ₄ : NABIS				
Cooler Custody Seals:	Yes No	Correction Factor:			Yes No													Na ₂ S ₂ O ₃ : NaSO ₃				
Sample Custody Seals:	Yes No	Temperature Reading:			Yes No													Zn Acetate+NaOH: Zn				
Total Containers:					Corrected Temperature:															NaOH+Ascorbic Acid: SACP		
Sample Identification			Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-28 (1.5')			6/28/2024		X		Comp	1	X	X	X											
CS-29 (1.5')			6/28/2024		X		Comp	1	X	X	X											
CS-30 (1.5')			6/28/2024		X		Comp	1	X	X	X											
CS-31 (1.5')			6/28/2024		X		Comp	1	X	X	X											
CS-32 (1.5')			6/28/2024		X		Comp	1	X	X	X											
CS-33 (1.5')			6/28/2024		X		Comp	1	X	X	X											
CS-34 (1.5')			6/28/2024		X		Comp	1	X	X	X											
CS-35 (4.5')			6/28/2024		X		Comp	1	X	X	X											
CS-36 (2)			6/28/2024		X		Comp	1	X	X	X											
CS-37 (2)			6/28/2024		X		Comp	1	X	X	X											

Comments: Email to Mike Cammona / mcammona@cammonaresources.com and Conner Moehring / cmoehring@cammonaresources.com

Relinquished by: (Signature)		Date/Time	
Received by: (Signature)		Date/Time	

Chain of Custody

Work Order No: 45419

Page 2 of 2

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Cammona 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@eoqresources.com

Work Order Comments	
Program: UST/PST	PRP ☐ Brownfields ☐ RC ☐ Superfund ☐
State of Project:	
Reporting Level: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	Antero New Riser Spill		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes							
Project Number:	2233		☐ Routine	☒ Rush															None: NO	DI Water: H ₂ O					
Project Location:	Lea County, New Mexico		Due Date:	24 Hour																					
Sampler's Name:	JMWJR																								
PO #:																									
SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice:	Yes	No	Parameters																		
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															Sample Comments				
CS-38 (2)	6/28/2024		X		Comp	1	X	X	X																
CS-39 (2)	6/28/2024		X		Comp	1	X	X	X																
SW-33 (4.5')	6/28/2024		X		Comp	1	X	X	X																
SW-34 (1')	6/28/2024		X		Comp	1	X	X	X																
SW-35 (0.5')	6/28/2024		X		Comp	1	X	X	X																
SW-36 (0.5')	6/28/2024		X		Comp	1	X	X	X																
SW-37 (2')	6/28/2024		X		Comp	1	X	X	X																

Comments: Email to Mike Cammona / Mcammona@cammonaresources.com and Conner Moehring / Cmoehring@cammonaresources.com

Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time
					6/28/24 10:44

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-45419-1
SDG Number: Lea County, New Mexico

Login Number: 45419
List Number: 1
Creator: Vasquez, Julisa

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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ANALYTICAL REPORT

PREPARED FOR

Attn: Devin Dominguez
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 7/3/2024 3:23:49 PM

JOB DESCRIPTION

Antero New Riser Spill
Lea County, New Mexico

JOB NUMBER

880-45522-1

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

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Laboratory Job ID: 880-45522-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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: Antero New Riser Spill

Job ID: 880-45522-1

Job ID: 880-45522-1

Eurofins Midland

Job Narrative
880-45522-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The samples were received on 7/1/2024 4:52 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 11.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-40 (3.5') (880-45522-1), CS-41 (3.5') (880-45522-2), CS-42 (3.5') (880-45522-3), CS-43 (3.5') (880-45522-4), CS-44 (3.5') (880-45522-5), CS-45 (3.5') (880-45522-6), CS-46 (3.5') (880-45522-7), CS-47 (3.5') (880-45522-8), CS-48 (2') (880-45522-9), CS-49 (2') (880-45522-10), CS-50 (2') (880-45522-11), CS-51 (2') (880-45522-12), CS-52 (2') (880-45522-13), CS-53 (2') (880-45522-14), SW38 (3.5') (880-45522-15), SW-39 (1') (880-45522-16), SW-40 (1.5') (880-45522-17), SW-41 (3.5') (880-45522-18), SW-42 (2') (880-45522-19), SW-43 (3.5') (880-45522-20), SW-44 (2.5') (880-45522-21), SW-45 (2') (880-45522-22), SW-46 (2') (880-45522-23), SW-53 (2') (880-45522-24) and SW-54 (2') (880-45522-25).

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SW-39 (1') (880-45522-16). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-84808 and analytical batch 880-84790 was outside the upper control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-84808 and analytical batch 880-84790 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 880-84810 and analytical batch 880-84792 was outside the upper control limits.

Method 8015MOD_NM: The method blank for preparation batch 880-84810 and analytical batch 880-84792 contained Gasoline Range Organics (GRO)-C6-C10 above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-84810 and analytical batch 880-84792 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Antero New Riser Spill

Job ID: 880-45522-1

Job ID: 880-45522-1 (Continued)

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: CS-40 (3.5')

Lab Sample ID: 880-45522-1

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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		07/02/24 09:08	07/02/24 12:49	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/02/24 09:08	07/02/24 12:49	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/02/24 09:08	07/02/24 12:49	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		07/02/24 09:08	07/02/24 12:49	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/02/24 09:08	07/02/24 12:49	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/02/24 09:08	07/02/24 12:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				07/02/24 09:08	07/02/24 12:49	1
1,4-Difluorobenzene (Surr)	92		70 - 130				07/02/24 09:08	07/02/24 12:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			07/02/24 12:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/02/24 19:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/02/24 09:02	07/02/24 19:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		07/02/24 09:02	07/02/24 19:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/02/24 09:02	07/02/24 19:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				07/02/24 09:02	07/02/24 19:19	1
o-Terphenyl	93		70 - 130				07/02/24 09:02	07/02/24 19:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.4		5.03		mg/Kg			07/02/24 15:35	1

Client Sample ID: CS-41 (3.5')

Lab Sample ID: 880-45522-2

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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		07/02/24 09:08	07/02/24 13:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/02/24 09:08	07/02/24 13:10	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/02/24 09:08	07/02/24 13:10	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		07/02/24 09:08	07/02/24 13:10	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/02/24 09:08	07/02/24 13:10	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/02/24 09:08	07/02/24 13:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				07/02/24 09:08	07/02/24 13:10	1
1,4-Difluorobenzene (Surr)	92		70 - 130				07/02/24 09:08	07/02/24 13:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: CS-41 (3.5')

Lab Sample ID: 880-45522-2

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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			07/02/24 13:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/02/24 20:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/02/24 09:02	07/02/24 20:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/02/24 09:02	07/02/24 20:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/02/24 09:02	07/02/24 20:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				07/02/24 09:02	07/02/24 20:21	1
o-Terphenyl	107		70 - 130				07/02/24 09:02	07/02/24 20:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.8		5.05		mg/Kg			07/02/24 15:51	1

Client Sample ID: CS-42 (3.5')

Lab Sample ID: 880-45522-3

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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		07/02/24 09:08	07/02/24 13:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:08	07/02/24 13:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:08	07/02/24 13:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/02/24 09:08	07/02/24 13:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:08	07/02/24 13:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/02/24 09:08	07/02/24 13:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				07/02/24 09:08	07/02/24 13:30	1
1,4-Difluorobenzene (Surr)	91		70 - 130				07/02/24 09:08	07/02/24 13:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/02/24 13:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/02/24 20:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/02/24 20:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/02/24 20:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: CS-42 (3.5')

Lab Sample ID: 880-45522-3

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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		07/02/24 09:02	07/02/24 20:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				07/02/24 09:02	07/02/24 20:42	1
o-Terphenyl	92		70 - 130				07/02/24 09:02	07/02/24 20:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.0		4.96		mg/Kg			07/02/24 15:56	1

Client Sample ID: CS-43 (3.5')

Lab Sample ID: 880-45522-4

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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		07/02/24 09:08	07/02/24 13:51	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/02/24 09:08	07/02/24 13:51	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/02/24 09:08	07/02/24 13:51	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		07/02/24 09:08	07/02/24 13:51	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/02/24 09:08	07/02/24 13:51	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/02/24 09:08	07/02/24 13:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				07/02/24 09:08	07/02/24 13:51	1
1,4-Difluorobenzene (Surr)	92		70 - 130				07/02/24 09:08	07/02/24 13:51	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			07/02/24 13:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			07/02/24 21:02	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		07/02/24 09:02	07/02/24 21:02	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/02/24 09:02	07/02/24 21:02	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/02/24 09:02	07/02/24 21:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				07/02/24 09:02	07/02/24 21:02	1
o-Terphenyl	101		70 - 130				07/02/24 09:02	07/02/24 21:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.1		4.98		mg/Kg			07/02/24 16:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: CS-44 (3.5')

Lab Sample ID: 880-45522-5

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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		07/02/24 09:08	07/02/24 14:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/02/24 09:08	07/02/24 14:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/02/24 09:08	07/02/24 14:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/02/24 09:08	07/02/24 14:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/02/24 09:08	07/02/24 14:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/02/24 09:08	07/02/24 14:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	07/02/24 09:08	07/02/24 14:11	1
1,4-Difluorobenzene (Surr)	92		70 - 130	07/02/24 09:08	07/02/24 14:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/02/24 14:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/02/24 21:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/02/24 09:02	07/02/24 21:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/24 09:02	07/02/24 21:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/24 09:02	07/02/24 21:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	07/02/24 09:02	07/02/24 21:23	1
o-Terphenyl	97		70 - 130	07/02/24 09:02	07/02/24 21:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.9		5.02		mg/Kg			07/02/24 16:06	1

Client Sample ID: CS-45 (3.5')

Lab Sample ID: 880-45522-6

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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		07/02/24 09:08	07/02/24 14:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:08	07/02/24 14:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:08	07/02/24 14:32	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/02/24 09:08	07/02/24 14:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:08	07/02/24 14:32	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/02/24 09:08	07/02/24 14:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	07/02/24 09:08	07/02/24 14:32	1
1,4-Difluorobenzene (Surr)	87		70 - 130	07/02/24 09:08	07/02/24 14:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: CS-45 (3.5')

Lab Sample ID: 880-45522-6

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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			07/02/24 14:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/02/24 21:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/02/24 21:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/02/24 21:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/02/24 21:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				07/02/24 09:02	07/02/24 21:44	1
o-Terphenyl	94		70 - 130				07/02/24 09:02	07/02/24 21:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.8		4.97		mg/Kg			07/02/24 16:22	1

Client Sample ID: CS-46 (3.5')

Lab Sample ID: 880-45522-7

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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		07/02/24 09:08	07/02/24 14:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/02/24 09:08	07/02/24 14:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/02/24 09:08	07/02/24 14:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/02/24 09:08	07/02/24 14:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/02/24 09:08	07/02/24 14:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/02/24 09:08	07/02/24 14:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				07/02/24 09:08	07/02/24 14:52	1
1,4-Difluorobenzene (Surr)	92		70 - 130				07/02/24 09:08	07/02/24 14:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/02/24 14:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/02/24 22:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/02/24 22:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/02/24 22:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: CS-46 (3.5')

Lab Sample ID: 880-45522-7

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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		07/02/24 09:02	07/02/24 22:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				07/02/24 09:02	07/02/24 22:04	1
o-Terphenyl	102		70 - 130				07/02/24 09:02	07/02/24 22:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55.2		4.99		mg/Kg			07/02/24 16:27	1

Client Sample ID: CS-47 (3.5')

Lab Sample ID: 880-45522-8

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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		07/02/24 09:08	07/02/24 15:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:08	07/02/24 15:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:08	07/02/24 15:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/02/24 09:08	07/02/24 15:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:08	07/02/24 15:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/02/24 09:08	07/02/24 15:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				07/02/24 09:08	07/02/24 15:12	1
1,4-Difluorobenzene (Surr)	91		70 - 130				07/02/24 09:08	07/02/24 15:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/02/24 15:12	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			07/02/24 22:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/02/24 09:02	07/02/24 22:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/02/24 09:02	07/02/24 22:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/02/24 09:02	07/02/24 22:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				07/02/24 09:02	07/02/24 22:24	1
o-Terphenyl	93		70 - 130				07/02/24 09:02	07/02/24 22:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.4		5.02		mg/Kg			07/02/24 16:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: CS-48 (2')

Lab Sample ID: 880-45522-9

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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		07/02/24 09:08	07/02/24 15:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:08	07/02/24 15:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:08	07/02/24 15:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/02/24 09:08	07/02/24 15:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:08	07/02/24 15:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/02/24 09:08	07/02/24 15:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	07/02/24 09:08	07/02/24 15:33	1
1,4-Difluorobenzene (Surr)	91		70 - 130	07/02/24 09:08	07/02/24 15:33	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			07/02/24 15:33	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			07/02/24 22:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/02/24 09:02	07/02/24 22:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/24 09:02	07/02/24 22:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/24 09:02	07/02/24 22:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	07/02/24 09:02	07/02/24 22:45	1
o-Terphenyl	110		70 - 130	07/02/24 09:02	07/02/24 22:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.9		4.98		mg/Kg			07/02/24 16:38	1

Client Sample ID: CS-49 (2')

Lab Sample ID: 880-45522-10

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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		07/02/24 09:08	07/02/24 15:53	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/02/24 09:08	07/02/24 15:53	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/02/24 09:08	07/02/24 15:53	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		07/02/24 09:08	07/02/24 15:53	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/02/24 09:08	07/02/24 15:53	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/02/24 09:08	07/02/24 15:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	07/02/24 09:08	07/02/24 15:53	1
1,4-Difluorobenzene (Surr)	91		70 - 130	07/02/24 09:08	07/02/24 15:53	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: CS-49 (2')

Lab Sample ID: 880-45522-10

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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			07/02/24 15:53	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			07/02/24 23:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/02/24 09:02	07/02/24 23:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/02/24 09:02	07/02/24 23:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/02/24 09:02	07/02/24 23:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				07/02/24 09:02	07/02/24 23:05	1
o-Terphenyl	95		70 - 130				07/02/24 09:02	07/02/24 23:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.03	U	5.03		mg/Kg			07/02/24 16:43	1

Client Sample ID: CS-50 (2')

Lab Sample ID: 880-45522-11

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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		07/02/24 09:08	07/02/24 17:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/02/24 09:08	07/02/24 17:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/02/24 09:08	07/02/24 17:28	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/02/24 09:08	07/02/24 17:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/02/24 09:08	07/02/24 17:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/02/24 09:08	07/02/24 17:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				07/02/24 09:08	07/02/24 17:28	1
1,4-Difluorobenzene (Surr)	91		70 - 130				07/02/24 09:08	07/02/24 17:28	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			07/02/24 17:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/02/24 23:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/02/24 23:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/02/24 23:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: CS-50 (2')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-11
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/02/24 23:46	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	88		70 - 130				07/02/24 09:02	07/02/24 23:46	1	
o-Terphenyl	91		70 - 130				07/02/24 09:02	07/02/24 23:46	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	30.1		4.98		mg/Kg			07/02/24 16:48	1	

Client Sample ID: CS-51 (2')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-12
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00202	U	0.00202		mg/Kg		07/02/24 09:08	07/02/24 17:48	1	
Toluene	<0.00202	U	0.00202		mg/Kg		07/02/24 09:08	07/02/24 17:48	1	
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/02/24 09:08	07/02/24 17:48	1	
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/02/24 09:08	07/02/24 17:48	1	
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/02/24 09:08	07/02/24 17:48	1	
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/02/24 09:08	07/02/24 17:48	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	110		70 - 130				07/02/24 09:08	07/02/24 17:48	1	
1,4-Difluorobenzene (Surr)	91		70 - 130				07/02/24 09:08	07/02/24 17:48	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			07/02/24 17:48	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.0	U	50.0		mg/Kg			07/03/24 00:06	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/02/24 09:02	07/03/24 00:06	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/24 09:02	07/03/24 00:06	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/24 09:02	07/03/24 00:06	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	100		70 - 130				07/02/24 09:02	07/03/24 00:06	1	
o-Terphenyl	107		70 - 130				07/02/24 09:02	07/03/24 00:06	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	26.5		5.02		mg/Kg			07/02/24 17:04	1	

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: CS-52 (2')

Lab Sample ID: 880-45522-13

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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		07/02/24 09:08	07/02/24 18:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:08	07/02/24 18:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:08	07/02/24 18:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/02/24 09:08	07/02/24 18:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:08	07/02/24 18:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/02/24 09:08	07/02/24 18:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	07/02/24 09:08	07/02/24 18:09	1
1,4-Difluorobenzene (Surr)	92		70 - 130	07/02/24 09:08	07/02/24 18:09	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			07/02/24 18:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/03/24 00:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/03/24 00:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/03/24 00:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/03/24 00:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	07/02/24 09:02	07/03/24 00:27	1
o-Terphenyl	101		70 - 130	07/02/24 09:02	07/03/24 00:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.6		4.97		mg/Kg			07/02/24 17:09	1

Client Sample ID: CS-53 (2')

Lab Sample ID: 880-45522-14

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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		07/02/24 09:08	07/02/24 18:29	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/02/24 09:08	07/02/24 18:29	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/02/24 09:08	07/02/24 18:29	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		07/02/24 09:08	07/02/24 18:29	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/02/24 09:08	07/02/24 18:29	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/02/24 09:08	07/02/24 18:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	07/02/24 09:08	07/02/24 18:29	1
1,4-Difluorobenzene (Surr)	91		70 - 130	07/02/24 09:08	07/02/24 18:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: CS-53 (2')

Lab Sample ID: 880-45522-14

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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			07/02/24 18:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			07/03/24 00:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		07/02/24 09:02	07/03/24 00:47	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/02/24 09:02	07/03/24 00:47	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/02/24 09:02	07/03/24 00:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				07/02/24 09:02	07/03/24 00:47	1
o-Terphenyl	104		70 - 130				07/02/24 09:02	07/03/24 00:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.5		5.00		mg/Kg			07/02/24 17:25	1

Client Sample ID: SW38 (3.5')

Lab Sample ID: 880-45522-15

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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		07/02/24 09:08	07/02/24 18:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/02/24 09:08	07/02/24 18:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/02/24 09:08	07/02/24 18:50	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/02/24 09:08	07/02/24 18:50	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/02/24 09:08	07/02/24 18:50	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/02/24 09:08	07/02/24 18:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				07/02/24 09:08	07/02/24 18:50	1
1,4-Difluorobenzene (Surr)	91		70 - 130				07/02/24 09:08	07/02/24 18:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/02/24 18:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			07/03/24 01:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		07/02/24 09:02	07/03/24 01:08	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/02/24 09:02	07/03/24 01:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: SW38 (3.5')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-15
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/02/24 09:02	07/03/24 01:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				07/02/24 09:02	07/03/24 01:08	1
o-Terphenyl	86		70 - 130				07/02/24 09:02	07/03/24 01:08	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.9		5.02		mg/Kg			07/02/24 17:30	1

Client Sample ID: SW-39 (1')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-16
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:08	07/02/24 19:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:08	07/02/24 19:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:08	07/02/24 19:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/02/24 09:08	07/02/24 19:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:08	07/02/24 19:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/02/24 09:08	07/02/24 19:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				07/02/24 09:08	07/02/24 19:10	1
1,4-Difluorobenzene (Surr)	91		70 - 130				07/02/24 09:08	07/02/24 19:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/02/24 19:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/03/24 01:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/03/24 01:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/03/24 01:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/03/24 01:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	12	S1-	70 - 130				07/02/24 09:02	07/03/24 01:27	1
o-Terphenyl	12	S1-	70 - 130				07/02/24 09:02	07/03/24 01:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.8		5.00		mg/Kg			07/02/24 17:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: SW-40 (1.5')

Lab Sample ID: 880-45522-17

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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		07/02/24 09:08	07/02/24 19:31	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/02/24 09:08	07/02/24 19:31	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/02/24 09:08	07/02/24 19:31	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		07/02/24 09:08	07/02/24 19:31	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/02/24 09:08	07/02/24 19:31	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/02/24 09:08	07/02/24 19:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				07/02/24 09:08	07/02/24 19:31	1
1,4-Difluorobenzene (Surr)	92		70 - 130				07/02/24 09:08	07/02/24 19:31	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			07/02/24 19:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/03/24 02:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/03/24 02:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/03/24 02:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/03/24 02:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				07/02/24 09:02	07/03/24 02:33	1
o-Terphenyl	103		70 - 130				07/02/24 09:02	07/03/24 02:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.4		5.05		mg/Kg			07/02/24 17:41	1

Client Sample ID: SW-41 (3.5')

Lab Sample ID: 880-45522-18

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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		07/02/24 09:08	07/02/24 19:51	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/02/24 09:08	07/02/24 19:51	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/02/24 09:08	07/02/24 19:51	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		07/02/24 09:08	07/02/24 19:51	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/02/24 09:08	07/02/24 19:51	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/02/24 09:08	07/02/24 19:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				07/02/24 09:08	07/02/24 19:51	1
1,4-Difluorobenzene (Surr)	92		70 - 130				07/02/24 09:08	07/02/24 19:51	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: SW-41 (3.5')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-18
Matrix: Solid

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			07/02/24 19:51	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.9	U	49.9		mg/Kg			07/03/24 02:54	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/02/24 09:02	07/03/24 02:54	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/02/24 09:02	07/03/24 02:54	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/02/24 09:02	07/03/24 02:54	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	89		70 - 130				07/02/24 09:02	07/03/24 02:54	1	
o-Terphenyl	95		70 - 130				07/02/24 09:02	07/03/24 02:54	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	29.6		4.97		mg/Kg			07/02/24 17:46	1	

Client Sample ID: SW-42 (2')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-19
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00198	U	0.00198		mg/Kg		07/02/24 09:08	07/02/24 20:12	1	
Toluene	<0.00198	U	0.00198		mg/Kg		07/02/24 09:08	07/02/24 20:12	1	
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/02/24 09:08	07/02/24 20:12	1	
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		07/02/24 09:08	07/02/24 20:12	1	
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/02/24 09:08	07/02/24 20:12	1	
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/02/24 09:08	07/02/24 20:12	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	112		70 - 130				07/02/24 09:08	07/02/24 20:12	1	
1,4-Difluorobenzene (Surr)	92		70 - 130				07/02/24 09:08	07/02/24 20:12	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			07/02/24 20:12	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			07/03/24 03:14	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/03/24 03:14	1	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/03/24 03:14	1	

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: SW-42 (2')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-19
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/03/24 03:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				07/02/24 09:02	07/03/24 03:14	1
o-Terphenyl	92		70 - 130				07/02/24 09:02	07/03/24 03:14	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.5		4.99		mg/Kg			07/02/24 17:51	1

Client Sample ID: SW-43 (3.5')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-20
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/02/24 09:08	07/02/24 20:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/02/24 09:08	07/02/24 20:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/02/24 09:08	07/02/24 20:32	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		07/02/24 09:08	07/02/24 20:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/02/24 09:08	07/02/24 20:32	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/02/24 09:08	07/02/24 20:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				07/02/24 09:08	07/02/24 20:32	1
1,4-Difluorobenzene (Surr)	92		70 - 130				07/02/24 09:08	07/02/24 20:32	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			07/02/24 20:32	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/03/24 03:36	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/03/24 03:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/03/24 03:36	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/24 09:02	07/03/24 03:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				07/02/24 09:02	07/03/24 03:36	1
o-Terphenyl	117		70 - 130				07/02/24 09:02	07/03/24 03:36	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.4		4.99		mg/Kg			07/02/24 17:56	1

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: SW-44 (2.5')

Lab Sample ID: 880-45522-21

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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		07/02/24 09:20	07/02/24 12:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/02/24 09:20	07/02/24 12:52	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/02/24 09:20	07/02/24 12:52	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		07/02/24 09:20	07/02/24 12:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/02/24 09:20	07/02/24 12:52	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/02/24 09:20	07/02/24 12:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				07/02/24 09:20	07/02/24 12:52	1
1,4-Difluorobenzene (Surr)	98		70 - 130				07/02/24 09:20	07/02/24 12:52	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			07/02/24 12:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/02/24 19:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/02/24 09:08	07/02/24 19:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		07/02/24 09:08	07/02/24 19:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/24 09:08	07/02/24 19:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				07/02/24 09:08	07/02/24 19:19	1
o-Terphenyl	110		70 - 130				07/02/24 09:08	07/02/24 19:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.9		5.02		mg/Kg			07/03/24 11:17	1

Client Sample ID: SW-45 (2')

Lab Sample ID: 880-45522-22

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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		07/02/24 09:20	07/02/24 13:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/02/24 09:20	07/02/24 13:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/02/24 09:20	07/02/24 13:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/02/24 09:20	07/02/24 13:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/02/24 09:20	07/02/24 13:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/02/24 09:20	07/02/24 13:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				07/02/24 09:20	07/02/24 13:13	1
1,4-Difluorobenzene (Surr)	98		70 - 130				07/02/24 09:20	07/02/24 13:13	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: SW-45 (2')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-22
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/02/24 13:13	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.8	U	49.8		mg/Kg			07/02/24 20:21	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/02/24 09:08	07/02/24 20:21	1	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/24 09:08	07/02/24 20:21	1	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/24 09:08	07/02/24 20:21	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	106		70 - 130				07/02/24 09:08	07/02/24 20:21	1	
o-Terphenyl	109		70 - 130				07/02/24 09:08	07/02/24 20:21	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	67.0		5.03		mg/Kg			07/03/24 11:33	1	

Client Sample ID: SW-46 (2')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-23
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00202	U	0.00202		mg/Kg		07/02/24 09:20	07/02/24 13:33	1	
Toluene	<0.00202	U	0.00202		mg/Kg		07/02/24 09:20	07/02/24 13:33	1	
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/02/24 09:20	07/02/24 13:33	1	
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		07/02/24 09:20	07/02/24 13:33	1	
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/02/24 09:20	07/02/24 13:33	1	
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/02/24 09:20	07/02/24 13:33	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	117		70 - 130				07/02/24 09:20	07/02/24 13:33	1	
1,4-Difluorobenzene (Surr)	99		70 - 130				07/02/24 09:20	07/02/24 13:33	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			07/02/24 13:33	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			07/02/24 20:42	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/02/24 09:08	07/02/24 20:42	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/24 09:08	07/02/24 20:42	1	

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: SW-46 (2')

Lab Sample ID: 880-45522-23

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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		07/02/24 09:08	07/02/24 20:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				07/02/24 09:08	07/02/24 20:42	1
o-Terphenyl	94		70 - 130				07/02/24 09:08	07/02/24 20:42	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.5		4.99		mg/Kg			07/03/24 11:38	1

Client Sample ID: SW-53 (2')

Lab Sample ID: 880-45522-24

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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		07/02/24 09:20	07/02/24 13:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/02/24 09:20	07/02/24 13:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/02/24 09:20	07/02/24 13:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/02/24 09:20	07/02/24 13:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/02/24 09:20	07/02/24 13:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/02/24 09:20	07/02/24 13:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				07/02/24 09:20	07/02/24 13:54	1
1,4-Difluorobenzene (Surr)	98		70 - 130				07/02/24 09:20	07/02/24 13:54	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			07/02/24 13:54	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			07/02/24 21:02	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		07/02/24 09:08	07/02/24 21:02	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		07/02/24 09:08	07/02/24 21:02	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		07/02/24 09:08	07/02/24 21:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				07/02/24 09:08	07/02/24 21:02	1
o-Terphenyl	98		70 - 130				07/02/24 09:08	07/02/24 21:02	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.2		4.98		mg/Kg			07/03/24 11:43	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: SW-54 (2')

Lab Sample ID: 880-45522-25

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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		07/02/24 09:20	07/02/24 14:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/02/24 09:20	07/02/24 14:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/02/24 09:20	07/02/24 14:14	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/02/24 09:20	07/02/24 14:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/02/24 09:20	07/02/24 14:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/02/24 09:20	07/02/24 14:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	07/02/24 09:20	07/02/24 14:14	1
1,4-Difluorobenzene (Surr)	98		70 - 130	07/02/24 09:20	07/02/24 14:14	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			07/02/24 14:14	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			07/02/24 21:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		07/02/24 09:08	07/02/24 21:23	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/02/24 09:08	07/02/24 21:23	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/02/24 09:08	07/02/24 21:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	07/02/24 09:08	07/02/24 21:23	1
o-Terphenyl	92		70 - 130	07/02/24 09:08	07/02/24 21:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55.9		4.95		mg/Kg			07/03/24 11:48	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

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

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	BFB1	DFBZ1						
		(70-130)	(70-130)						
880-45522-1	CS-40 (3.5')	112	92						
880-45522-1 MS	CS-40 (3.5')	104	94						
880-45522-1 MSD	CS-40 (3.5')	106	94						
880-45522-2	CS-41 (3.5')	113	92						
880-45522-3	CS-42 (3.5')	110	91						
880-45522-4	CS-43 (3.5')	112	92						
880-45522-5	CS-44 (3.5')	112	92						
880-45522-6	CS-45 (3.5')	108	87						
880-45522-7	CS-46 (3.5')	113	92						
880-45522-8	CS-47 (3.5')	111	91						
880-45522-9	CS-48 (2')	111	91						
880-45522-10	CS-49 (2')	110	91						
880-45522-11	CS-50 (2')	108	91						
880-45522-12	CS-51 (2')	110	91						
880-45522-13	CS-52 (2')	113	92						
880-45522-14	CS-53 (2')	111	91						
880-45522-15	SW38 (3.5')	111	91						
880-45522-16	SW-39 (1')	112	91						
880-45522-17	SW-40 (1.5')	113	92						
880-45522-18	SW-41 (3.5')	112	92						
880-45522-19	SW-42 (2')	112	92						
880-45522-20	SW-43 (3.5')	113	92						
880-45522-21	SW-44 (2.5')	113	98						
880-45522-21 MS	SW-44 (2.5')	106	96						
880-45522-21 MSD	SW-44 (2.5')	112	97						
880-45522-22	SW-45 (2')	116	98						
880-45522-23	SW-46 (2')	117	99						
880-45522-24	SW-53 (2')	119	98						
880-45522-25	SW-54 (2')	117	98						
LCS 880-84809/1-A	Lab Control Sample	103	94						
LCS 880-84811/1-A	Lab Control Sample	111	97						
LCSD 880-84809/2-A	Lab Control Sample Dup	103	94						
LCSD 880-84811/2-A	Lab Control Sample Dup	110	96						
MB 880-84809/5-A	Method Blank	106	86						
MB 880-84811/5-A	Method Blank	112	95						
Surrogate Legend									
BFB = 4-Bromofluorobenzene (Surr)									
DFBZ = 1,4-Difluorobenzene (Surr)									

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

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
880-45522-1	CS-40 (3.5')	90	93				
880-45522-1 MS	CS-40 (3.5')	84	82				
880-45522-1 MSD	CS-40 (3.5')	93	90				
880-45522-2	CS-41 (3.5')	100	107				

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Surrogate Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)**Matrix: Solid****Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-45522-3	CS-42 (3.5')	93	92
880-45522-4	CS-43 (3.5')	99	101
880-45522-5	CS-44 (3.5')	92	97
880-45522-6	CS-45 (3.5')	90	94
880-45522-7	CS-46 (3.5')	95	102
880-45522-8	CS-47 (3.5')	88	93
880-45522-9	CS-48 (2')	107	110
880-45522-10	CS-49 (2')	89	95
880-45522-11	CS-50 (2')	88	91
880-45522-12	CS-51 (2')	100	107
880-45522-13	CS-52 (2')	94	101
880-45522-14	CS-53 (2')	99	104
880-45522-15	SW38 (3.5')	83	86
880-45522-16	SW-39 (1')	12 S1-	12 S1-
880-45522-17	SW-40 (1.5')	102	103
880-45522-18	SW-41 (3.5')	89	95
880-45522-19	SW-42 (2')	88	92
880-45522-20	SW-43 (3.5')	117	117
880-45522-21	SW-44 (2.5')	101	110
880-45522-21 MS	SW-44 (2.5')	80	81
880-45522-21 MSD	SW-44 (2.5')	82	83
880-45522-22	SW-45 (2')	106	109
880-45522-23	SW-46 (2')	88	94
880-45522-24	SW-53 (2')	93	98
880-45522-25	SW-54 (2')	91	92
LCS 880-84808/2-A	Lab Control Sample	112	117
LCS 880-84810/2-A	Lab Control Sample	89	90
LCSD 880-84808/3-A	Lab Control Sample Dup	109	113
LCSD 880-84810/3-A	Lab Control Sample Dup	104	108
MB 880-84808/1-A	Method Blank	181 S1+	193 S1+
MB 880-84810/1-A	Method Blank	160 S1+	173 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-84809/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 84804							Prep Batch: 84809		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:08	07/02/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:08	07/02/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:08	07/02/24 12:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/02/24 09:08	07/02/24 12:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:08	07/02/24 12:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/02/24 09:08	07/02/24 12:27	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				07/02/24 09:08	07/02/24 12:27	1
1,4-Difluorobenzene (Surr)	86		70 - 130				07/02/24 09:08	07/02/24 12:27	1

Lab Sample ID: LCS 880-84809/1-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 84804							Prep Batch: 84809		
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.1091		mg/Kg		109	70 - 130		
Toluene	0.100	0.1011		mg/Kg		101	70 - 130		
Ethylbenzene	0.100	0.09638		mg/Kg		96	70 - 130		
m-Xylene & p-Xylene	0.200	0.2149		mg/Kg		107	70 - 130		
o-Xylene	0.100	0.1065		mg/Kg		107	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	103		70 - 130						
1,4-Difluorobenzene (Surr)	94		70 - 130						

Lab Sample ID: LCSD 880-84809/2-A					Client Sample ID: Lab Control Sample Dup						
Matrix: Solid					Prep Type: Total/NA						
Analysis Batch: 84804					Prep Batch: 84809						
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec	RPD	Limit		
							Limits				
Benzene	0.100	0.1077		mg/Kg		108	70 - 130	1	35		
Toluene	0.100	0.09929		mg/Kg		99	70 - 130	2	35		
Ethylbenzene	0.100	0.09442		mg/Kg		94	70 - 130	2	35		
m-Xylene & p-Xylene	0.200	0.2110		mg/Kg		106	70 - 130	2	35		
o-Xylene	0.100	0.1042		mg/Kg		104	70 - 130	2	35		
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	103		70 - 130								
1,4-Difluorobenzene (Surr)	94		70 - 130								

Lab Sample ID: 880-45522-1 MS							Client Sample ID: CS-40 (3.5')		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 84804							Prep Batch: 84809		
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.1038		mg/Kg		104	70 - 130
Toluene	<0.00198	U	0.0996	0.09608		mg/Kg		96	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-45522-1 MS

Matrix: Solid

Analysis Batch: 84804

Client Sample ID: CS-40 (3.5')

Prep Type: Total/NA

Prep Batch: 84809

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00198	U	0.0996	0.09090		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	<0.00397	U	0.199	0.2032		mg/Kg		102	70 - 130
o-Xylene	<0.00198	U	0.0996	0.1003		mg/Kg		101	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-45522-1 MSD

Matrix: Solid

Analysis Batch: 84804

Client Sample ID: CS-40 (3.5')

Prep Type: Total/NA

Prep Batch: 84809

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.1034		mg/Kg		103	70 - 130	0	35
Toluene	<0.00198	U	0.101	0.09526		mg/Kg		94	70 - 130	1	35
Ethylbenzene	<0.00198	U	0.101	0.09012		mg/Kg		89	70 - 130	1	35
m-Xylene & p-Xylene	<0.00397	U	0.202	0.2006		mg/Kg		99	70 - 130	1	35
o-Xylene	<0.00198	U	0.101	0.09981		mg/Kg		99	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: MB 880-84811/5-A

Matrix: Solid

Analysis Batch: 84803

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84811

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:20	07/02/24 12:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:20	07/02/24 12:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:20	07/02/24 12:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/02/24 09:20	07/02/24 12:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/24 09:20	07/02/24 12:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/02/24 09:20	07/02/24 12:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	07/02/24 09:20	07/02/24 12:31	1
1,4-Difluorobenzene (Surr)	95		70 - 130	07/02/24 09:20	07/02/24 12:31	1

Lab Sample ID: LCS 880-84811/1-A

Matrix: Solid

Analysis Batch: 84803

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 84811

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1045		mg/Kg		105	70 - 130
Toluene	0.100	0.09608		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.09413		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.2182		mg/Kg		109	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-84811/1-A
Matrix: Solid
Analysis Batch: 84803

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84811

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09589		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-84811/2-A
Matrix: Solid
Analysis Batch: 84803

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 84811

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1056		mg/Kg		106	70 - 130	1	35
Toluene	0.100	0.09731		mg/Kg		97	70 - 130	1	35
Ethylbenzene	0.100	0.09541		mg/Kg		95	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2204		mg/Kg		110	70 - 130	1	35
o-Xylene	0.100	0.09667		mg/Kg		97	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-45522-21 MS
Matrix: Solid
Analysis Batch: 84803

Client Sample ID: SW-44 (2.5')
Prep Type: Total/NA
Prep Batch: 84811

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.101	0.1004		mg/Kg		100	70 - 130
Toluene	<0.00198	U	0.101	0.09198		mg/Kg		91	70 - 130
Ethylbenzene	<0.00198	U	0.101	0.08946		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	<0.00397	U	0.202	0.2069		mg/Kg		103	70 - 130
o-Xylene	<0.00198	U	0.101	0.09072		mg/Kg		90	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-45522-21 MSD
Matrix: Solid
Analysis Batch: 84803

Client Sample ID: SW-44 (2.5')
Prep Type: Total/NA
Prep Batch: 84811

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.0994	0.08934		mg/Kg		90	70 - 130	12	35
Toluene	<0.00198	U	0.0994	0.08193		mg/Kg		82	70 - 130	12	35
Ethylbenzene	<0.00198	U	0.0994	0.07971		mg/Kg		80	70 - 130	12	35
m-Xylene & p-Xylene	<0.00397	U	0.199	0.1844		mg/Kg		93	70 - 130	12	35
o-Xylene	<0.00198	U	0.0994	0.08171		mg/Kg		82	70 - 130	10	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-45522-21 MSD				Client Sample ID: SW-44 (2.5')			
Matrix: Solid				Prep Type: Total/NA			
Analysis Batch: 84803				Prep Batch: 84811			
	MSD	MSD					
Surrogate	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene (Surr)	112		70 - 130				
1,4-Difluorobenzene (Surr)	97		70 - 130				

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

Lab Sample ID: MB 880-84808/1-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 84790							Prep Batch: 84808		
Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
	Gasoline Range Organics (GRO)-C6-C10	<50.0 U							
	Diesel Range Organics (Over C10-C28)	<50.0 U							
	Oil Range Organics (Over C28-C36)	<50.0 U							
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
	1-Chlorooctane	181 S1+							
	o-Terphenyl	193 S1+							

Lab Sample ID: LCS 880-84808/2-A						Client Sample ID: Lab Control Sample			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 84790						Prep Batch: 84808			
Analyte			Spike	LCS	LCS			%Rec	
			Added	Result	Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics (GRO)-C6-C10			1000	909.5		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)			1000	894.9		mg/Kg		89	70 - 130

Lab Sample ID: LCSD 880-84808/3-A						Client Sample ID: Lab Control Sample Dup						
Matrix: Solid						Prep Type: Total/NA						
Analysis Batch: 84790						Prep Batch: 84808						
Analyte				Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	
				Added	Result	Qualifier				Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10				1000	878.4		mg/Kg		88	70 - 130	3	20
Diesel Range Organics (Over C10-C28)				1000	897.9		mg/Kg		90	70 - 130	0	20
Surrogate	LCSD		LCSD	Limits								
	%Recovery	Qualifier										
1-Chlorooctane	109			70 - 130								
o-Terphenyl	113			70 - 130								

QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-45522-1 MS

Matrix: Solid

Analysis Batch: 84790

Client Sample ID: CS-40 (3.5')

Prep Type: Total/NA

Prep Batch: 84808

[illegible]

Lab Sample ID: 880-45522-1 MSD

Matrix: Solid

Analysis Batch: 84790

Client Sample ID: CS-40 (3.5')

Prep Type: Total/NA

Prep Batch: 84808

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1030		mg/Kg		103	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	606.3	F1	mg/Kg		61	70 - 130	11	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	93		70 - 130								
o-Terphenyl	90		70 - 130								

Lab Sample ID: MB 880-84810/1-A

Matrix: Solid

Analysis Batch: 84792

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84810

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		07/02/24 09:08	07/02/24 18:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/24 09:08	07/02/24 18:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/24 09:08	07/02/24 18:18	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	160	S1+	70 - 130				07/02/24 09:08	07/02/24 18:18	1
o-Terphenyl	173	S1+	70 - 130				07/02/24 09:08	07/02/24 18:18	1

Lab Sample ID: LCS 880-84810/2-A

Matrix: Solid

Analysis Batch: 84792

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 84810

Analyte	Spike	LCS	Unit	D	%Rec	%Rec
	Added	Result				Qualifier
Gasoline Range Organics (GRO)-C6-C10	1000	1040	mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	1000	967.9	mg/Kg		97	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-84810/2-A
Matrix: Solid
Analysis Batch: 84792

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84810

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	89		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: LCSD 880-84810/3-A
Matrix: Solid
Analysis Batch: 84792

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 84810

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	989.3		mg/Kg		99	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	1011		mg/Kg		101	70 - 130	4	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	104										
o-Terphenyl	108										

Lab Sample ID: 880-45522-21 MS
Matrix: Solid
Analysis Batch: 84792

Client Sample ID: SW-44 (2.5')
Prep Type: Total/NA
Prep Batch: 84810

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	942.4		mg/Kg		93	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U F1	996	516.1	F1	mg/Kg		52	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	80										
o-Terphenyl	81										

Lab Sample ID: 880-45522-21 MSD
Matrix: Solid
Analysis Batch: 84792

Client Sample ID: SW-44 (2.5')
Prep Type: Total/NA
Prep Batch: 84810

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	988.2		mg/Kg		97	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	996	536.0	F1	mg/Kg		54	70 - 130	4	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	82										
o-Terphenyl	83										

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-84813/1-A
Matrix: Solid
Analysis Batch: 84846

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			07/02/24 15:19	1

Lab Sample ID: LCS 880-84813/2-A
Matrix: Solid
Analysis Batch: 84846

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	246.7		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-84813/3-A
Matrix: Solid
Analysis Batch: 84846

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	247.9		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-45522-1 MS
Matrix: Solid
Analysis Batch: 84846

Client Sample ID: CS-40 (3.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	54.4		252	309.7		mg/Kg		102	90 - 110

Lab Sample ID: 880-45522-1 MSD
Matrix: Solid
Analysis Batch: 84846

Client Sample ID: CS-40 (3.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	54.4		252	311.1		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-45522-11 MS
Matrix: Solid
Analysis Batch: 84846

Client Sample ID: CS-50 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.1		249	262.4		mg/Kg		93	90 - 110

Lab Sample ID: 880-45522-11 MSD
Matrix: Solid
Analysis Batch: 84846

Client Sample ID: CS-50 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	30.1		249	262.8		mg/Kg		93	90 - 110	0	20

Lab Sample ID: MB 880-84854/1-A
Matrix: Solid
Analysis Batch: 84896

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			07/03/24 11:01	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-84854/2-A						Client Sample ID: Lab Control Sample					
Matrix: Solid						Prep Type: Soluble					
Analysis Batch: 84896											
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	256.3		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-84854/3-A						Client Sample ID: Lab Control Sample Dup					
Matrix: Solid						Prep Type: Soluble					
Analysis Batch: 84896											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	257.1		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-45522-21 MS						Client Sample ID: SW-44 (2.5')					
Matrix: Solid						Prep Type: Soluble					
Analysis Batch: 84896											
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	38.9		251	302.1		mg/Kg		105	90 - 110		

Lab Sample ID: 880-45522-21 MSD						Client Sample ID: SW-44 (2.5')					
Matrix: Solid						Prep Type: Soluble					
Analysis Batch: 84896											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	38.9		251	303.0		mg/Kg		105	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 84803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45522-21	SW-44 (2.5')	Total/NA	Solid	8021B	84811
880-45522-22	SW-45 (2')	Total/NA	Solid	8021B	84811
880-45522-23	SW-46 (2')	Total/NA	Solid	8021B	84811
880-45522-24	SW-53 (2')	Total/NA	Solid	8021B	84811
880-45522-25	SW-54 (2')	Total/NA	Solid	8021B	84811
MB 880-84811/5-A	Method Blank	Total/NA	Solid	8021B	84811
LCS 880-84811/1-A	Lab Control Sample	Total/NA	Solid	8021B	84811
LCSD 880-84811/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	84811
880-45522-21 MS	SW-44 (2.5')	Total/NA	Solid	8021B	84811
880-45522-21 MSD	SW-44 (2.5')	Total/NA	Solid	8021B	84811

Analysis Batch: 84804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45522-1	CS-40 (3.5')	Total/NA	Solid	8021B	84809
880-45522-2	CS-41 (3.5')	Total/NA	Solid	8021B	84809
880-45522-3	CS-42 (3.5')	Total/NA	Solid	8021B	84809
880-45522-4	CS-43 (3.5')	Total/NA	Solid	8021B	84809
880-45522-5	CS-44 (3.5')	Total/NA	Solid	8021B	84809
880-45522-6	CS-45 (3.5')	Total/NA	Solid	8021B	84809
880-45522-7	CS-46 (3.5')	Total/NA	Solid	8021B	84809
880-45522-8	CS-47 (3.5')	Total/NA	Solid	8021B	84809
880-45522-9	CS-48 (2')	Total/NA	Solid	8021B	84809
880-45522-10	CS-49 (2')	Total/NA	Solid	8021B	84809
880-45522-11	CS-50 (2')	Total/NA	Solid	8021B	84809
880-45522-12	CS-51 (2')	Total/NA	Solid	8021B	84809
880-45522-13	CS-52 (2')	Total/NA	Solid	8021B	84809
880-45522-14	CS-53 (2')	Total/NA	Solid	8021B	84809
880-45522-15	SW38 (3.5')	Total/NA	Solid	8021B	84809
880-45522-16	SW-39 (1')	Total/NA	Solid	8021B	84809
880-45522-17	SW-40 (1.5')	Total/NA	Solid	8021B	84809
880-45522-18	SW-41 (3.5')	Total/NA	Solid	8021B	84809
880-45522-19	SW-42 (2')	Total/NA	Solid	8021B	84809
880-45522-20	SW-43 (3.5')	Total/NA	Solid	8021B	84809
MB 880-84809/5-A	Method Blank	Total/NA	Solid	8021B	84809
LCS 880-84809/1-A	Lab Control Sample	Total/NA	Solid	8021B	84809
LCSD 880-84809/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	84809
880-45522-1 MS	CS-40 (3.5')	Total/NA	Solid	8021B	84809
880-45522-1 MSD	CS-40 (3.5')	Total/NA	Solid	8021B	84809

Prep Batch: 84809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45522-1	CS-40 (3.5')	Total/NA	Solid	5035	
880-45522-2	CS-41 (3.5')	Total/NA	Solid	5035	
880-45522-3	CS-42 (3.5')	Total/NA	Solid	5035	
880-45522-4	CS-43 (3.5')	Total/NA	Solid	5035	
880-45522-5	CS-44 (3.5')	Total/NA	Solid	5035	
880-45522-6	CS-45 (3.5')	Total/NA	Solid	5035	
880-45522-7	CS-46 (3.5')	Total/NA	Solid	5035	
880-45522-8	CS-47 (3.5')	Total/NA	Solid	5035	
880-45522-9	CS-48 (2')	Total/NA	Solid	5035	
880-45522-10	CS-49 (2')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 84809 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45522-11	CS-50 (2')	Total/NA	Solid	5035	
880-45522-12	CS-51 (2')	Total/NA	Solid	5035	
880-45522-13	CS-52 (2')	Total/NA	Solid	5035	
880-45522-14	CS-53 (2')	Total/NA	Solid	5035	
880-45522-15	SW38 (3.5')	Total/NA	Solid	5035	
880-45522-16	SW-39 (1')	Total/NA	Solid	5035	
880-45522-17	SW-40 (1.5')	Total/NA	Solid	5035	
880-45522-18	SW-41 (3.5')	Total/NA	Solid	5035	
880-45522-19	SW-42 (2')	Total/NA	Solid	5035	
880-45522-20	SW-43 (3.5')	Total/NA	Solid	5035	
MB 880-84809/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-84809/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-84809/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-45522-1 MS	CS-40 (3.5')	Total/NA	Solid	5035	
880-45522-1 MSD	CS-40 (3.5')	Total/NA	Solid	5035	

Prep Batch: 84811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45522-21	SW-44 (2.5')	Total/NA	Solid	5035	
880-45522-22	SW-45 (2')	Total/NA	Solid	5035	
880-45522-23	SW-46 (2')	Total/NA	Solid	5035	
880-45522-24	SW-53 (2')	Total/NA	Solid	5035	
880-45522-25	SW-54 (2')	Total/NA	Solid	5035	
MB 880-84811/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-84811/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-84811/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-45522-21 MS	SW-44 (2.5')	Total/NA	Solid	5035	
880-45522-21 MSD	SW-44 (2.5')	Total/NA	Solid	5035	

Analysis Batch: 84884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45522-1	CS-40 (3.5')	Total/NA	Solid	Total BTEX	
880-45522-2	CS-41 (3.5')	Total/NA	Solid	Total BTEX	
880-45522-3	CS-42 (3.5')	Total/NA	Solid	Total BTEX	
880-45522-4	CS-43 (3.5')	Total/NA	Solid	Total BTEX	
880-45522-5	CS-44 (3.5')	Total/NA	Solid	Total BTEX	
880-45522-6	CS-45 (3.5')	Total/NA	Solid	Total BTEX	
880-45522-7	CS-46 (3.5')	Total/NA	Solid	Total BTEX	
880-45522-8	CS-47 (3.5')	Total/NA	Solid	Total BTEX	
880-45522-9	CS-48 (2')	Total/NA	Solid	Total BTEX	
880-45522-10	CS-49 (2')	Total/NA	Solid	Total BTEX	
880-45522-11	CS-50 (2')	Total/NA	Solid	Total BTEX	
880-45522-12	CS-51 (2')	Total/NA	Solid	Total BTEX	
880-45522-13	CS-52 (2')	Total/NA	Solid	Total BTEX	
880-45522-14	CS-53 (2')	Total/NA	Solid	Total BTEX	
880-45522-15	SW38 (3.5')	Total/NA	Solid	Total BTEX	
880-45522-16	SW-39 (1')	Total/NA	Solid	Total BTEX	
880-45522-17	SW-40 (1.5')	Total/NA	Solid	Total BTEX	
880-45522-18	SW-41 (3.5')	Total/NA	Solid	Total BTEX	
880-45522-19	SW-42 (2')	Total/NA	Solid	Total BTEX	
880-45522-20	SW-43 (3.5')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 84884 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45522-21	SW-44 (2.5')	Total/NA	Solid	Total BTEX	
880-45522-22	SW-45 (2')	Total/NA	Solid	Total BTEX	
880-45522-23	SW-46 (2')	Total/NA	Solid	Total BTEX	
880-45522-24	SW-53 (2')	Total/NA	Solid	Total BTEX	
880-45522-25	SW-54 (2')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 84790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45522-1	CS-40 (3.5')	Total/NA	Solid	8015B NM	84808
880-45522-2	CS-41 (3.5')	Total/NA	Solid	8015B NM	84808
880-45522-3	CS-42 (3.5')	Total/NA	Solid	8015B NM	84808
880-45522-4	CS-43 (3.5')	Total/NA	Solid	8015B NM	84808
880-45522-5	CS-44 (3.5')	Total/NA	Solid	8015B NM	84808
880-45522-6	CS-45 (3.5')	Total/NA	Solid	8015B NM	84808
880-45522-7	CS-46 (3.5')	Total/NA	Solid	8015B NM	84808
880-45522-8	CS-47 (3.5')	Total/NA	Solid	8015B NM	84808
880-45522-9	CS-48 (2')	Total/NA	Solid	8015B NM	84808
880-45522-10	CS-49 (2')	Total/NA	Solid	8015B NM	84808
880-45522-11	CS-50 (2')	Total/NA	Solid	8015B NM	84808
880-45522-12	CS-51 (2')	Total/NA	Solid	8015B NM	84808
880-45522-13	CS-52 (2')	Total/NA	Solid	8015B NM	84808
880-45522-14	CS-53 (2')	Total/NA	Solid	8015B NM	84808
880-45522-15	SW38 (3.5')	Total/NA	Solid	8015B NM	84808
880-45522-16	SW-39 (1')	Total/NA	Solid	8015B NM	84808
880-45522-17	SW-40 (1.5')	Total/NA	Solid	8015B NM	84808
880-45522-18	SW-41 (3.5')	Total/NA	Solid	8015B NM	84808
880-45522-19	SW-42 (2')	Total/NA	Solid	8015B NM	84808
880-45522-20	SW-43 (3.5')	Total/NA	Solid	8015B NM	84808
MB 880-84808/1-A	Method Blank	Total/NA	Solid	8015B NM	84808
LCS 880-84808/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	84808
LCSD 880-84808/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	84808
880-45522-1 MS	CS-40 (3.5')	Total/NA	Solid	8015B NM	84808
880-45522-1 MSD	CS-40 (3.5')	Total/NA	Solid	8015B NM	84808

Analysis Batch: 84792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45522-21	SW-44 (2.5')	Total/NA	Solid	8015B NM	84810
880-45522-22	SW-45 (2')	Total/NA	Solid	8015B NM	84810
880-45522-23	SW-46 (2')	Total/NA	Solid	8015B NM	84810
880-45522-24	SW-53 (2')	Total/NA	Solid	8015B NM	84810
880-45522-25	SW-54 (2')	Total/NA	Solid	8015B NM	84810
MB 880-84810/1-A	Method Blank	Total/NA	Solid	8015B NM	84810
LCS 880-84810/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	84810
LCSD 880-84810/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	84810
880-45522-21 MS	SW-44 (2.5')	Total/NA	Solid	8015B NM	84810
880-45522-21 MSD	SW-44 (2.5')	Total/NA	Solid	8015B NM	84810

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

GC Semi VOA

Prep Batch: 84808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45522-1	CS-40 (3.5')	Total/NA	Solid	8015NM Prep	
880-45522-2	CS-41 (3.5')	Total/NA	Solid	8015NM Prep	
880-45522-3	CS-42 (3.5')	Total/NA	Solid	8015NM Prep	
880-45522-4	CS-43 (3.5')	Total/NA	Solid	8015NM Prep	
880-45522-5	CS-44 (3.5')	Total/NA	Solid	8015NM Prep	
880-45522-6	CS-45 (3.5')	Total/NA	Solid	8015NM Prep	
880-45522-7	CS-46 (3.5')	Total/NA	Solid	8015NM Prep	
880-45522-8	CS-47 (3.5')	Total/NA	Solid	8015NM Prep	
880-45522-9	CS-48 (2')	Total/NA	Solid	8015NM Prep	
880-45522-10	CS-49 (2')	Total/NA	Solid	8015NM Prep	
880-45522-11	CS-50 (2')	Total/NA	Solid	8015NM Prep	
880-45522-12	CS-51 (2')	Total/NA	Solid	8015NM Prep	
880-45522-13	CS-52 (2')	Total/NA	Solid	8015NM Prep	
880-45522-14	CS-53 (2')	Total/NA	Solid	8015NM Prep	
880-45522-15	SW38 (3.5')	Total/NA	Solid	8015NM Prep	
880-45522-16	SW-39 (1')	Total/NA	Solid	8015NM Prep	
880-45522-17	SW-40 (1.5')	Total/NA	Solid	8015NM Prep	
880-45522-18	SW-41 (3.5')	Total/NA	Solid	8015NM Prep	
880-45522-19	SW-42 (2')	Total/NA	Solid	8015NM Prep	
880-45522-20	SW-43 (3.5')	Total/NA	Solid	8015NM Prep	
MB 880-84808/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-84808/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-84808/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-45522-1 MS	CS-40 (3.5')	Total/NA	Solid	8015NM Prep	
880-45522-1 MSD	CS-40 (3.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 84810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45522-21	SW-44 (2.5')	Total/NA	Solid	8015NM Prep	
880-45522-22	SW-45 (2')	Total/NA	Solid	8015NM Prep	
880-45522-23	SW-46 (2')	Total/NA	Solid	8015NM Prep	
880-45522-24	SW-53 (2')	Total/NA	Solid	8015NM Prep	
880-45522-25	SW-54 (2')	Total/NA	Solid	8015NM Prep	
MB 880-84810/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-84810/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-84810/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-45522-21 MS	SW-44 (2.5')	Total/NA	Solid	8015NM Prep	
880-45522-21 MSD	SW-44 (2.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 84946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45522-1	CS-40 (3.5')	Total/NA	Solid	8015 NM	
880-45522-2	CS-41 (3.5')	Total/NA	Solid	8015 NM	
880-45522-3	CS-42 (3.5')	Total/NA	Solid	8015 NM	
880-45522-4	CS-43 (3.5')	Total/NA	Solid	8015 NM	
880-45522-5	CS-44 (3.5')	Total/NA	Solid	8015 NM	
880-45522-6	CS-45 (3.5')	Total/NA	Solid	8015 NM	
880-45522-7	CS-46 (3.5')	Total/NA	Solid	8015 NM	
880-45522-8	CS-47 (3.5')	Total/NA	Solid	8015 NM	
880-45522-9	CS-48 (2')	Total/NA	Solid	8015 NM	
880-45522-10	CS-49 (2')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 84946 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45522-11	CS-50 (2')	Total/NA	Solid	8015 NM	
880-45522-12	CS-51 (2')	Total/NA	Solid	8015 NM	
880-45522-13	CS-52 (2')	Total/NA	Solid	8015 NM	
880-45522-14	CS-53 (2')	Total/NA	Solid	8015 NM	
880-45522-15	SW38 (3.5')	Total/NA	Solid	8015 NM	
880-45522-16	SW-39 (1')	Total/NA	Solid	8015 NM	
880-45522-17	SW-40 (1.5')	Total/NA	Solid	8015 NM	
880-45522-18	SW-41 (3.5')	Total/NA	Solid	8015 NM	
880-45522-19	SW-42 (2')	Total/NA	Solid	8015 NM	
880-45522-20	SW-43 (3.5')	Total/NA	Solid	8015 NM	
880-45522-21	SW-44 (2.5')	Total/NA	Solid	8015 NM	
880-45522-22	SW-45 (2')	Total/NA	Solid	8015 NM	
880-45522-23	SW-46 (2')	Total/NA	Solid	8015 NM	
880-45522-24	SW-53 (2')	Total/NA	Solid	8015 NM	
880-45522-25	SW-54 (2')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 84813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45522-1	CS-40 (3.5')	Soluble	Solid	DI Leach	
880-45522-2	CS-41 (3.5')	Soluble	Solid	DI Leach	
880-45522-3	CS-42 (3.5')	Soluble	Solid	DI Leach	
880-45522-4	CS-43 (3.5')	Soluble	Solid	DI Leach	
880-45522-5	CS-44 (3.5')	Soluble	Solid	DI Leach	
880-45522-6	CS-45 (3.5')	Soluble	Solid	DI Leach	
880-45522-7	CS-46 (3.5')	Soluble	Solid	DI Leach	
880-45522-8	CS-47 (3.5')	Soluble	Solid	DI Leach	
880-45522-9	CS-48 (2')	Soluble	Solid	DI Leach	
880-45522-10	CS-49 (2')	Soluble	Solid	DI Leach	
880-45522-11	CS-50 (2')	Soluble	Solid	DI Leach	
880-45522-12	CS-51 (2')	Soluble	Solid	DI Leach	
880-45522-13	CS-52 (2')	Soluble	Solid	DI Leach	
880-45522-14	CS-53 (2')	Soluble	Solid	DI Leach	
880-45522-15	SW38 (3.5')	Soluble	Solid	DI Leach	
880-45522-16	SW-39 (1')	Soluble	Solid	DI Leach	
880-45522-17	SW-40 (1.5')	Soluble	Solid	DI Leach	
880-45522-18	SW-41 (3.5')	Soluble	Solid	DI Leach	
880-45522-19	SW-42 (2')	Soluble	Solid	DI Leach	
880-45522-20	SW-43 (3.5')	Soluble	Solid	DI Leach	
MB 880-84813/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-84813/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-84813/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-45522-1 MS	CS-40 (3.5')	Soluble	Solid	DI Leach	
880-45522-1 MSD	CS-40 (3.5')	Soluble	Solid	DI Leach	
880-45522-11 MS	CS-50 (2')	Soluble	Solid	DI Leach	
880-45522-11 MSD	CS-50 (2')	Soluble	Solid	DI Leach	

Analysis Batch: 84846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45522-1	CS-40 (3.5')	Soluble	Solid	300.0	84813

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 84846 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45522-2	CS-41 (3.5')	Soluble	Solid	300.0	84813
880-45522-3	CS-42 (3.5')	Soluble	Solid	300.0	84813
880-45522-4	CS-43 (3.5')	Soluble	Solid	300.0	84813
880-45522-5	CS-44 (3.5')	Soluble	Solid	300.0	84813
880-45522-6	CS-45 (3.5')	Soluble	Solid	300.0	84813
880-45522-7	CS-46 (3.5')	Soluble	Solid	300.0	84813
880-45522-8	CS-47 (3.5')	Soluble	Solid	300.0	84813
880-45522-9	CS-48 (2')	Soluble	Solid	300.0	84813
880-45522-10	CS-49 (2')	Soluble	Solid	300.0	84813
880-45522-11	CS-50 (2')	Soluble	Solid	300.0	84813
880-45522-12	CS-51 (2')	Soluble	Solid	300.0	84813
880-45522-13	CS-52 (2')	Soluble	Solid	300.0	84813
880-45522-14	CS-53 (2')	Soluble	Solid	300.0	84813
880-45522-15	SW38 (3.5')	Soluble	Solid	300.0	84813
880-45522-16	SW-39 (1')	Soluble	Solid	300.0	84813
880-45522-17	SW-40 (1.5')	Soluble	Solid	300.0	84813
880-45522-18	SW-41 (3.5')	Soluble	Solid	300.0	84813
880-45522-19	SW-42 (2')	Soluble	Solid	300.0	84813
880-45522-20	SW-43 (3.5')	Soluble	Solid	300.0	84813
MB 880-84813/1-A	Method Blank	Soluble	Solid	300.0	84813
LCS 880-84813/2-A	Lab Control Sample	Soluble	Solid	300.0	84813
LCSD 880-84813/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	84813
880-45522-1 MS	CS-40 (3.5')	Soluble	Solid	300.0	84813
880-45522-1 MSD	CS-40 (3.5')	Soluble	Solid	300.0	84813
880-45522-11 MS	CS-50 (2')	Soluble	Solid	300.0	84813
880-45522-11 MSD	CS-50 (2')	Soluble	Solid	300.0	84813

Leach Batch: 84854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45522-21	SW-44 (2.5')	Soluble	Solid	DI Leach	
880-45522-22	SW-45 (2')	Soluble	Solid	DI Leach	
880-45522-23	SW-46 (2')	Soluble	Solid	DI Leach	
880-45522-24	SW-53 (2')	Soluble	Solid	DI Leach	
880-45522-25	SW-54 (2')	Soluble	Solid	DI Leach	
MB 880-84854/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-84854/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-84854/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-45522-21 MS	SW-44 (2.5')	Soluble	Solid	DI Leach	
880-45522-21 MSD	SW-44 (2.5')	Soluble	Solid	DI Leach	

Analysis Batch: 84896

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45522-21	SW-44 (2.5')	Soluble	Solid	300.0	84854
880-45522-22	SW-45 (2')	Soluble	Solid	300.0	84854
880-45522-23	SW-46 (2')	Soluble	Solid	300.0	84854
880-45522-24	SW-53 (2')	Soluble	Solid	300.0	84854
880-45522-25	SW-54 (2')	Soluble	Solid	300.0	84854
MB 880-84854/1-A	Method Blank	Soluble	Solid	300.0	84854
LCS 880-84854/2-A	Lab Control Sample	Soluble	Solid	300.0	84854
LCSD 880-84854/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	84854
880-45522-21 MS	SW-44 (2.5')	Soluble	Solid	300.0	84854

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 84896 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45522-21 MSD	SW-44 (2.5')	Soluble	Solid	300.0	84854

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: CS-40 (3.5')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	84809	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84804	07/02/24 12:49	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 12:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			84946	07/02/24 19:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	84808	07/02/24 09:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84790	07/02/24 19:19	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	84813	07/02/24 10:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84846	07/02/24 15:35	CH	EET MID

Client Sample ID: CS-41 (3.5')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	84809	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84804	07/02/24 13:10	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 13:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			84946	07/02/24 20:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	84808	07/02/24 09:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84790	07/02/24 20:21	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	84813	07/02/24 10:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84846	07/02/24 15:51	CH	EET MID

Client Sample ID: CS-42 (3.5')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	84809	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84804	07/02/24 13:30	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 13:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			84946	07/02/24 20:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84808	07/02/24 09:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84790	07/02/24 20:42	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	84813	07/02/24 10:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84846	07/02/24 15:56	CH	EET MID

Client Sample ID: CS-43 (3.5')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	84809	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84804	07/02/24 13:51	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 13:51	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: CS-43 (3.5')

Lab Sample ID: 880-45522-4

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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			84946	07/02/24 21:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	84808	07/02/24 09:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84790	07/02/24 21:02	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	84813	07/02/24 10:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84846	07/02/24 16:01	CH	EET MID

Client Sample ID: CS-44 (3.5')

Lab Sample ID: 880-45522-5

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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	84809	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84804	07/02/24 14:11	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 14:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			84946	07/02/24 21:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84808	07/02/24 09:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84790	07/02/24 21:23	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	84813	07/02/24 10:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84846	07/02/24 16:06	CH	EET MID

Client Sample ID: CS-45 (3.5')

Lab Sample ID: 880-45522-6

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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	84809	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84804	07/02/24 14:32	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 14:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			84946	07/02/24 21:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84808	07/02/24 09:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84790	07/02/24 21:44	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	84813	07/02/24 10:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84846	07/02/24 16:22	CH	EET MID

Client Sample ID: CS-46 (3.5')

Lab Sample ID: 880-45522-7

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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	84809	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84804	07/02/24 14:52	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 14:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			84946	07/02/24 22:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84808	07/02/24 09:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84790	07/02/24 22:04	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: CS-46 (3.5')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	84813	07/02/24 10:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84846	07/02/24 16:27	CH	EET MID

Client Sample ID: CS-47 (3.5')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	84809	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84804	07/02/24 15:12	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 15:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			84946	07/02/24 22:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	84808	07/02/24 09:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84790	07/02/24 22:24	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	84813	07/02/24 10:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84846	07/02/24 16:33	CH	EET MID

Client Sample ID: CS-48 (2')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	84809	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84804	07/02/24 15:33	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 15:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			84946	07/02/24 22:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84808	07/02/24 09:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84790	07/02/24 22:45	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	84813	07/02/24 10:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84846	07/02/24 16:38	CH	EET MID

Client Sample ID: CS-49 (2')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	84809	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84804	07/02/24 15:53	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 15:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			84946	07/02/24 23:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	84808	07/02/24 09:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84790	07/02/24 23:05	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	84813	07/02/24 10:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84846	07/02/24 16:43	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: CS-50 (2')

Date Collected: 07/01/24 00:00

Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	84809	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84804	07/02/24 17:28	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 17:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			84946	07/02/24 23:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84808	07/02/24 09:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84790	07/02/24 23:46	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	84813	07/02/24 10:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84846	07/02/24 16:48	CH	EET MID

Client Sample ID: CS-51 (2')

Date Collected: 07/01/24 00:00

Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	84809	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84804	07/02/24 17:48	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 17:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			84946	07/03/24 00:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84808	07/02/24 09:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84790	07/03/24 00:06	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	84813	07/02/24 10:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84846	07/02/24 17:04	CH	EET MID

Client Sample ID: CS-52 (2')

Date Collected: 07/01/24 00:00

Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	84809	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84804	07/02/24 18:09	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 18:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			84946	07/03/24 00:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84808	07/02/24 09:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84790	07/03/24 00:27	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	84813	07/02/24 10:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84846	07/02/24 17:09	CH	EET MID

Client Sample ID: CS-53 (2')

Date Collected: 07/01/24 00:00

Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	84809	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84804	07/02/24 18:29	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 18:29	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: CS-53 (2')

Lab Sample ID: 880-45522-14

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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			84946	07/03/24 00:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	84808	07/02/24 09:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84790	07/03/24 00:47	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	84813	07/02/24 10:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84846	07/02/24 17:25	CH	EET MID

Client Sample ID: SW38 (3.5')

Lab Sample ID: 880-45522-15

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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	84809	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84804	07/02/24 18:50	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 18:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			84946	07/03/24 01:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	84808	07/02/24 09:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84790	07/03/24 01:08	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	84813	07/02/24 10:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84846	07/02/24 17:30	CH	EET MID

Client Sample ID: SW-39 (1')

Lab Sample ID: 880-45522-16

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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	84809	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84804	07/02/24 19:10	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 19:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			84946	07/03/24 01:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84808	07/02/24 09:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84790	07/03/24 01:27	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	84813	07/02/24 10:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84846	07/02/24 17:35	CH	EET MID

Client Sample ID: SW-40 (1.5')

Lab Sample ID: 880-45522-17

Date Collected: 07/01/24 00:00

Matrix: Solid

Date Received: 07/01/24 16:52

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	84809	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84804	07/02/24 19:31	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 19:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			84946	07/03/24 02:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84808	07/02/24 09:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84790	07/03/24 02:33	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: SW-40 (1.5')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-17
Matrix: Solid

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	84813	07/02/24 10:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84846	07/02/24 17:41	CH	EET MID

Client Sample ID: SW-41 (3.5')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	84809	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84804	07/02/24 19:51	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 19:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			84946	07/03/24 02:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	84808	07/02/24 09:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84790	07/03/24 02:54	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	84813	07/02/24 10:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84846	07/02/24 17:46	CH	EET MID

Client Sample ID: SW-42 (2')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	84809	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84804	07/02/24 20:12	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 20:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			84946	07/03/24 03:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84808	07/02/24 09:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84790	07/03/24 03:14	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	84813	07/02/24 10:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84846	07/02/24 17:51	CH	EET MID

Client Sample ID: SW-43 (3.5')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	84809	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84804	07/02/24 20:32	SM	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 20:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			84946	07/03/24 03:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84808	07/02/24 09:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84790	07/03/24 03:36	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	84813	07/02/24 10:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84846	07/02/24 17:56	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: SW-44 (2.5')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	84811	07/02/24 09:20	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84803	07/02/24 12:52	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 12:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			84946	07/02/24 19:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	84810	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84792	07/02/24 19:19	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	84854	07/02/24 13:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84896	07/03/24 11:17	CH	EET MID

Client Sample ID: SW-45 (2')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	84811	07/02/24 09:20	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84803	07/02/24 13:13	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 13:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			84946	07/02/24 20:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84810	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84792	07/02/24 20:21	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	84854	07/02/24 13:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84896	07/03/24 11:33	CH	EET MID

Client Sample ID: SW-46 (2')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	84811	07/02/24 09:20	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84803	07/02/24 13:33	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 13:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			84946	07/02/24 20:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84810	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84792	07/02/24 20:42	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	84854	07/02/24 13:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84896	07/03/24 11:38	CH	EET MID

Client Sample ID: SW-53 (2')
Date Collected: 07/01/24 00:00
Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	84811	07/02/24 09:20	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84803	07/02/24 13:54	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 13:54	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Client Sample ID: SW-53 (2')

Date Collected: 07/01/24 00:00

Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			84946	07/02/24 21:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	84810	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84792	07/02/24 21:02	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	84854	07/02/24 13:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84896	07/03/24 11:43	CH	EET MID

Client Sample ID: SW-54 (2')

Date Collected: 07/01/24 00:00

Date Received: 07/01/24 16:52

Lab Sample ID: 880-45522-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	84811	07/02/24 09:20	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84803	07/02/24 14:14	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84884	07/02/24 14:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			84946	07/02/24 21:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	84810	07/02/24 09:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84792	07/02/24 21:23	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	84854	07/02/24 13:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84896	07/03/24 11:48	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: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
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: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45522-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-45522-1	CS-40 (3.5')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-2	CS-41 (3.5')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-3	CS-42 (3.5')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-4	CS-43 (3.5')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-5	CS-44 (3.5')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-6	CS-45 (3.5')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-7	CS-46 (3.5')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-8	CS-47 (3.5')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-9	CS-48 (2')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-10	CS-49 (2')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-11	CS-50 (2')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-12	CS-51 (2')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-13	CS-52 (2')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-14	CS-53 (2')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-15	SW38 (3.5')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-16	SW-39 (1')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-17	SW-40 (1.5')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-18	SW-41 (3.5')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-19	SW-42 (2')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-20	SW-43 (3.5')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-21	SW-44 (2.5')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-22	SW-45 (2')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-23	SW-46 (2')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-24	SW-53 (2')	Solid	07/01/24 00:00	07/01/24 16:52
880-45522-25	SW-54 (2')	Solid	07/01/24 00:00	07/01/24 16:52

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Chain of Custody

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880-45522 Chain of Custody

Page 1 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

Work Order Comments	
Program: UST/PT	☐ PRP ☐ ROWFIELDS ☐ RC ☐ OPIRTUND
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables: EDD	☐ ADAPT ☐ Other:

Project Name:	Antero New Riser Spill		Turn Around		Pres. Codes	ANALYSIS REQUEST												Preservative Codes		
Project Number:	2233		☐ Routine	☒ Rush															None: NO	DI Water: H ₂ O
Project Location:	Lea County, New Mexico		Due Date:			24 Hour													Cool: Cool	MeOH: Me
Sampler's Name:	JM/IR																		HCL: HC	HNO ₃ : HN
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT			Temp Blank:	Yes ☒ No ☐	Well Ice:	Yes ☒ No ☐	Parameters													
Received Intact:	Yes ☒ No ☐	Thermometer ID:																		
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:																		
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:	11.9																	
Total Containers:			Corrected Temperature:	11.9																
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-40 (3.5')	7/1/2024		X		Comp	1	X	X	X	X										
CS-41 (3.5')	7/1/2024		X		Comp	1	X	X	X	X										
CS-42 (3.5')	7/1/2024		X		Comp	1	X	X	X	X										
CS-43 (3.5')	7/1/2024		X		Comp	1	X	X	X	X										
CS-44 (3.5')	7/1/2024		X		Comp	1	X	X	X	X										
CS-45 (3.5')	7/1/2024		X		Comp	1	X	X	X	X										
CS-46 (3.5')	7/1/2024		X		Comp	1	X	X	X	X										
CS-47 (3.5')	7/1/2024		X		Comp	1	X	X	X	X										
CS-48 (2')	7/1/2024		X		Comp	1	X	X	X	X										
CS-49 (2')	7/1/2024		X		Comp	1	X	X	X	X										

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7/1/24 @ 4:52		7/1/24 10:50

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Chain of Custody

Work Order No: 455022

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

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Pertund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	Antero New Riser Spill		Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	2233	☐ Routine ☒ Rush	Due Date:	24 Hour													None: NO	DI Water: H ₂ O
Project Location:	Lea County, New Mexico																Cool: Cool	MeOH: Me
Sample's Name:	JM/IR																HCL: HC	HNO ₃ : HN
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes	No	Well Ice:	Yes	No											H ₃ PO ₄ : HP	
Received Intact:	Yes	No	Thermometer ID:											NaHSO ₄ : NABIS				
Cooler Custody Seals:	Yes	No	Correction Factor:											Na ₂ S ₂ O ₅ : NaSO ₃				
Sample Custody Seals:	Yes	No	Temperature Reading:											Zn Acetate+NaOH: Zn				
Total Containers:	Yes	No	Corrected Temperature:											NaOH+Ascorbic Acid: SAPC				

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-50 (2')	7/1/2024		X		Comp	1	X	X	X										
CS-51 (2')	7/1/2024		X		Comp	1	X	X	X										
CS-52 (2')	7/1/2024		X		Comp	1	X	X	X										
CS-53 (2')	7/1/2024		X		Comp	1	X	X	X										
SW-38 (3.5')	7/1/2024		X		Comp	1	X	X	X										
SW-39 (1')	7/1/2024		X		Comp	1	X	X	X										
SW-40 (1.5')	7/1/2024		X		Comp	1	X	X	X										
SW-41 (3.5')	7/1/2024		X		Comp	1	X	X	X										
SW-42 (2')	7/1/2024		X		Comp	1	X	X	X										
SW-43 (3.5')	7/1/2024		X		Comp	1	X	X	X										

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7/1/24 @ 4:52		7/1/24 16:52

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Chain of Custody

Work Order No: 45522

Page 3 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:	Antero New Riser Spill	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	2233	☐ Routine ☒ Rush	24 Hour														None NO	DI Water: H ₂ O	
Project Location:	Lea County, New Mexico	Due Date:															Cool Cool	MeOH: Me	
Sampler's Name:	JM/R																HCL: HC	HNO ₃ : HN	
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT				Temp Blank:	Yes	No	Well Ice:	Yes	No									H ₃ PO ₄ : HP	
Received Intact:	Yes	No	Thermometer ID:										NaHSO ₄ : NABIS						
Cooler Custody Seals:	Yes	No	Correction Factor:										Na ₂ S ₂ O ₅ : NaSO ₃						
Sample Custody Seals:	Yes	No	Temperature Reading:										Zn Acetate+NaOH: Zn						
Total Containers:			Corrected Temperature:										NaOH+Ascorbic Acid: SAPC						
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments		
SW-44 (2.5)	7/1/2024		X		Comp	1	X	X	X										
SW-45 (2)	7/1/2024		X		Comp	1	X	X	X										
SW-46 (2)	7/1/2024		X		Comp	1	X	X	X										
SW-53 (2)	7/1/2024		X		Comp	1	X	X	X										
SW-54 (2)	7/1/2024		X		Comp	1	X	X	X										

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7/1/24 @ 4:52		7/1/24 1650

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-45522-1

SDG Number: Lea County, New Mexico

Login Number: 45522

List Number: 1

List Source: Eurofins Midland

Creator: Vasquez, Julisa

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Devin Dominguez
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 7/5/2024 1:04:49 PM Revision 1

JOB DESCRIPTION

Antero New Riser Spill
Lea County, New Mexico

JOB NUMBER

880-45574-1

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



Authorized for release by
Jessica Kramer, Project Manager
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(432)704-5440

Generated
7/5/2024 1:04:49 PM
Revision 1

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Laboratory Job ID: 880-45574-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low 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.
F2	MS/MSD RPD 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: Antero New Riser Spill

Job ID: 880-45574-1

Job ID: 880-45574-1

Eurofins Midland

Job Narrative 880-45574-1

REVISION

The report being provided is a revision of the original report sent on 7/4/2024. The report (revision 1) is being revised due to Per client email, requesting revised report to include correct sample IDs.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The samples were received on 7/2/2024 2:40 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -1.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-54 (4.5') (880-45574-1), CS-55 (4.5') (880-45574-2), CS-56 (4.5') (880-45574-3), CS-57 (4.5') (880-45574-4), CS-58 (4.5') (880-45574-5), CS-59 (4.5') (880-45574-6), CS-60 (4.5') (880-45574-7), CS-61 (4.5') (880-45574-8), CS-62 (4.5') (880-45574-9), CS-63 (4.5') (880-45574-10), CS-64 (4.5') (880-45574-11), CS-65 (4.5') (880-45574-12), CS-66 (4.5') (880-45574-13), CS-67 (4.5') (880-45574-14), SW-47 (4.5') (880-45574-15), SW-48 (4.5') (880-45574-16), SW-49 (4.5') (880-45574-17), SW-50 (4.5') (880-45574-18), SW-51 (4.5') (880-45574-19) and SW-52 (4.5') (880-45574-20).

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-84894 and analytical batch 880-84928 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-48 (4.5') (880-45574-16) and (880-45574-A-1-L MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-84881 and analytical batch 880-84899 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.

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Client Sample ID: CS-54 (4.5')

Lab Sample ID: 880-45574-1

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 16:22	07/02/24 22:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/02/24 16:22	07/02/24 22:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/02/24 16:22	07/02/24 22:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/02/24 16:22	07/02/24 22:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/02/24 16:22	07/02/24 22:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/02/24 16:22	07/02/24 22:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	07/02/24 16:22	07/02/24 22:08	1
1,4-Difluorobenzene (Surr)	93		70 - 130	07/02/24 16:22	07/02/24 22:08	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			07/02/24 22:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/03/24 19:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/02/24 17:03	07/03/24 19:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U F1	49.8		mg/Kg		07/02/24 17:03	07/03/24 19:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/24 17:03	07/03/24 19:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	07/02/24 17:03	07/03/24 19:24	1
o-Terphenyl	101		70 - 130	07/02/24 17:03	07/03/24 19:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.0		5.02		mg/Kg			07/03/24 09:56	1

Client Sample ID: CS-55 (4.5')

Lab Sample ID: 880-45574-2

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 16:22	07/02/24 22:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/02/24 16:22	07/02/24 22:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/02/24 16:22	07/02/24 22:28	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/02/24 16:22	07/02/24 22:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/02/24 16:22	07/02/24 22:28	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/02/24 16:22	07/02/24 22:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	07/02/24 16:22	07/02/24 22:28	1
1,4-Difluorobenzene (Surr)	91		70 - 130	07/02/24 16:22	07/02/24 22:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Client Sample ID: CS-55 (4.5')

Lab Sample ID: 880-45574-2

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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			07/02/24 22:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/03/24 20:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/02/24 17:03	07/03/24 20:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/24 17:03	07/03/24 20:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/24 17:03	07/03/24 20:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				07/02/24 17:03	07/03/24 20:26	1
o-Terphenyl	86		70 - 130				07/02/24 17:03	07/03/24 20:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.2		5.02		mg/Kg			07/03/24 10:15	1

Client Sample ID: CS-56 (4.5')

Lab Sample ID: 880-45574-3

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 16:22	07/02/24 22:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/24 16:22	07/02/24 22:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/24 16:22	07/02/24 22:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/02/24 16:22	07/02/24 22:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/24 16:22	07/02/24 22:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/02/24 16:22	07/02/24 22:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				07/02/24 16:22	07/02/24 22:48	1
1,4-Difluorobenzene (Surr)	91		70 - 130				07/02/24 16:22	07/02/24 22:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/02/24 22:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/03/24 20:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/02/24 17:03	07/03/24 20:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/02/24 17:03	07/03/24 20:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Client Sample ID: CS-56 (4.5')

Lab Sample ID: 880-45574-3

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/02/24 17:03	07/03/24 20:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				07/02/24 17:03	07/03/24 20:47	1
o-Terphenyl	97		70 - 130				07/02/24 17:03	07/03/24 20:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.5		5.03		mg/Kg			07/03/24 10:21	1

Client Sample ID: CS-57 (4.5')

Lab Sample ID: 880-45574-4

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 16:22	07/02/24 23:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/02/24 16:22	07/02/24 23:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/02/24 16:22	07/02/24 23:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/02/24 16:22	07/02/24 23:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/02/24 16:22	07/02/24 23:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/02/24 16:22	07/02/24 23:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				07/02/24 16:22	07/02/24 23:09	1
1,4-Difluorobenzene (Surr)	92		70 - 130				07/02/24 16:22	07/02/24 23:09	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			07/02/24 23:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/03/24 21:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/02/24 17:03	07/03/24 21:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/24 17:03	07/03/24 21:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/24 17:03	07/03/24 21:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				07/02/24 17:03	07/03/24 21:07	1
o-Terphenyl	93		70 - 130				07/02/24 17:03	07/03/24 21:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.5		5.03		mg/Kg			07/03/24 10:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Client Sample ID: CS-58 (4.5')

Lab Sample ID: 880-45574-5

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 16:22	07/02/24 23:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/24 16:22	07/02/24 23:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/24 16:22	07/02/24 23:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/02/24 16:22	07/02/24 23:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/24 16:22	07/02/24 23:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/02/24 16:22	07/02/24 23:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	07/02/24 16:22	07/02/24 23:29	1
1,4-Difluorobenzene (Surr)	91		70 - 130	07/02/24 16:22	07/02/24 23:29	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			07/02/24 23:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/03/24 21:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/02/24 17:03	07/03/24 21:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/02/24 17:03	07/03/24 21:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/02/24 17:03	07/03/24 21:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	07/02/24 17:03	07/03/24 21:28	1
o-Terphenyl	84		70 - 130	07/02/24 17:03	07/03/24 21:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	58.0		4.98		mg/Kg			07/03/24 10:33	1

Client Sample ID: CS-59 (4.5')

Lab Sample ID: 880-45574-6

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 16:22	07/02/24 23:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/02/24 16:22	07/02/24 23:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/02/24 16:22	07/02/24 23:50	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		07/02/24 16:22	07/02/24 23:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/02/24 16:22	07/02/24 23:50	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/02/24 16:22	07/02/24 23:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	07/02/24 16:22	07/02/24 23:50	1
1,4-Difluorobenzene (Surr)	91		70 - 130	07/02/24 16:22	07/02/24 23:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Client Sample ID: CS-59 (4.5')

Lab Sample ID: 880-45574-6

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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			07/02/24 23:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			07/03/24 21:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		07/02/24 17:03	07/03/24 21:48	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/02/24 17:03	07/03/24 21:48	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/02/24 17:03	07/03/24 21:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				07/02/24 17:03	07/03/24 21:48	1
o-Terphenyl	113		70 - 130				07/02/24 17:03	07/03/24 21:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.3		5.04		mg/Kg			07/03/24 10:51	1

Client Sample ID: CS-60 (4.5')

Lab Sample ID: 880-45574-7

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 16:22	07/03/24 00:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/02/24 16:22	07/03/24 00:10	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/02/24 16:22	07/03/24 00:10	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/02/24 16:22	07/03/24 00:10	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/02/24 16:22	07/03/24 00:10	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/02/24 16:22	07/03/24 00:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				07/02/24 16:22	07/03/24 00:10	1
1,4-Difluorobenzene (Surr)	92		70 - 130				07/02/24 16:22	07/03/24 00:10	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			07/03/24 00:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/03/24 22:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/02/24 17:03	07/03/24 22:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/24 17:03	07/03/24 22:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Client Sample ID: CS-60 (4.5')

Lab Sample ID: 880-45574-7

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 17:03	07/03/24 22:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				07/02/24 17:03	07/03/24 22:09	1
o-Terphenyl	105		70 - 130				07/02/24 17:03	07/03/24 22:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.8		4.99		mg/Kg			07/03/24 10:58	1

Client Sample ID: CS-61 (4.5')

Lab Sample ID: 880-45574-8

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 16:22	07/03/24 00:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/02/24 16:22	07/03/24 00:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/02/24 16:22	07/03/24 00:30	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/02/24 16:22	07/03/24 00:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/02/24 16:22	07/03/24 00:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/02/24 16:22	07/03/24 00:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				07/02/24 16:22	07/03/24 00:30	1
1,4-Difluorobenzene (Surr)	92		70 - 130				07/02/24 16:22	07/03/24 00:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/03/24 00:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/03/24 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/02/24 17:03	07/03/24 22:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/24 17:03	07/03/24 22:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/24 17:03	07/03/24 22:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				07/02/24 17:03	07/03/24 22:29	1
o-Terphenyl	94		70 - 130				07/02/24 17:03	07/03/24 22:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.7		5.04		mg/Kg			07/03/24 11:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Client Sample ID: CS-62 (4.5')

Lab Sample ID: 880-45574-9

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 16:22	07/03/24 00:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/02/24 16:22	07/03/24 00:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/02/24 16:22	07/03/24 00:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/02/24 16:22	07/03/24 00:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/02/24 16:22	07/03/24 00:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/02/24 16:22	07/03/24 00:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	07/02/24 16:22	07/03/24 00:51	1
1,4-Difluorobenzene (Surr)	91		70 - 130	07/02/24 16:22	07/03/24 00:51	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			07/03/24 00:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/03/24 22:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/02/24 17:03	07/03/24 22:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/24 17:03	07/03/24 22:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/24 17:03	07/03/24 22:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	07/02/24 17:03	07/03/24 22:49	1
o-Terphenyl	95		70 - 130	07/02/24 17:03	07/03/24 22:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.7		4.95		mg/Kg			07/03/24 11:10	1

Client Sample ID: CS-63 (4.5')

Lab Sample ID: 880-45574-10

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 16:22	07/03/24 01:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/02/24 16:22	07/03/24 01:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/02/24 16:22	07/03/24 01:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/02/24 16:22	07/03/24 01:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/02/24 16:22	07/03/24 01:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/02/24 16:22	07/03/24 01:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	07/02/24 16:22	07/03/24 01:11	1
1,4-Difluorobenzene (Surr)	92		70 - 130	07/02/24 16:22	07/03/24 01:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Client Sample ID: CS-63 (4.5')

Lab Sample ID: 880-45574-10

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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			07/03/24 01:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/03/24 23:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/02/24 17:03	07/03/24 23:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/24 17:03	07/03/24 23:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/24 17:03	07/03/24 23:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				07/02/24 17:03	07/03/24 23:11	1
o-Terphenyl	81		70 - 130				07/02/24 17:03	07/03/24 23:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.5		4.95		mg/Kg			07/03/24 11:16	1

Client Sample ID: CS-64 (4.5')

Lab Sample ID: 880-45574-11

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 16:22	07/03/24 02:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/24 16:22	07/03/24 02:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/24 16:22	07/03/24 02:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/02/24 16:22	07/03/24 02:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/24 16:22	07/03/24 02:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/02/24 16:22	07/03/24 02:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				07/02/24 16:22	07/03/24 02:34	1
1,4-Difluorobenzene (Surr)	92		70 - 130				07/02/24 16:22	07/03/24 02:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			07/03/24 02:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			07/03/24 23:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		07/02/24 17:03	07/03/24 23:51	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/02/24 17:03	07/03/24 23:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Client Sample ID: CS-64 (4.5')

Lab Sample ID: 880-45574-11

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 17:03	07/03/24 23:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				07/02/24 17:03	07/03/24 23:51	1
o-Terphenyl	101		70 - 130				07/02/24 17:03	07/03/24 23:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.3	F1 F2	4.96		mg/Kg			07/03/24 11:22	1

Client Sample ID: CS-65 (4.5')

Lab Sample ID: 880-45574-12

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 16:22	07/03/24 02:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/02/24 16:22	07/03/24 02:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/02/24 16:22	07/03/24 02:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/02/24 16:22	07/03/24 02:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/02/24 16:22	07/03/24 02:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/02/24 16:22	07/03/24 02:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				07/02/24 16:22	07/03/24 02:54	1
1,4-Difluorobenzene (Surr)	92		70 - 130				07/02/24 16:22	07/03/24 02:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/03/24 02:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/04/24 00:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/02/24 17:03	07/04/24 00:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/24 17:03	07/04/24 00:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/24 17:03	07/04/24 00:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				07/02/24 17:03	07/04/24 00:11	1
o-Terphenyl	85		70 - 130				07/02/24 17:03	07/04/24 00:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.2		5.02		mg/Kg			07/03/24 11:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Client Sample ID: CS-66 (4.5')

Lab Sample ID: 880-45574-13

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 16:22	07/03/24 03:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/02/24 16:22	07/03/24 03:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/02/24 16:22	07/03/24 03:14	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/02/24 16:22	07/03/24 03:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/02/24 16:22	07/03/24 03:14	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/02/24 16:22	07/03/24 03:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	07/02/24 16:22	07/03/24 03:14	1
1,4-Difluorobenzene (Surr)	92		70 - 130	07/02/24 16:22	07/03/24 03:14	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			07/03/24 03:14	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			07/04/24 00:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/02/24 17:03	07/04/24 00:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/02/24 17:03	07/04/24 00:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/02/24 17:03	07/04/24 00:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	07/02/24 17:03	07/04/24 00:32	1
o-Terphenyl	101		70 - 130	07/02/24 17:03	07/04/24 00:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.4		5.04		mg/Kg			07/03/24 11:46	1

Client Sample ID: CS-67 (4.5')

Lab Sample ID: 880-45574-14

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 16:22	07/03/24 03:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/24 16:22	07/03/24 03:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/24 16:22	07/03/24 03:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/02/24 16:22	07/03/24 03:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/24 16:22	07/03/24 03:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/02/24 16:22	07/03/24 03:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	07/02/24 16:22	07/03/24 03:35	1
1,4-Difluorobenzene (Surr)	91		70 - 130	07/02/24 16:22	07/03/24 03:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Client Sample ID: CS-67 (4.5')

Lab Sample ID: 880-45574-14

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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			07/03/24 03:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/04/24 00:52	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		07/02/24 17:03	07/04/24 00:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/24 17:03	07/04/24 00:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/24 17:03	07/04/24 00:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				07/02/24 17:03	07/04/24 00:52	1
o-Terphenyl	92		70 - 130				07/02/24 17:03	07/04/24 00:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.0		5.02		mg/Kg			07/03/24 12:04	1

Client Sample ID: SW-47 (4.5')

Lab Sample ID: 880-45574-15

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 16:22	07/03/24 03:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/24 16:22	07/03/24 03:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/24 16:22	07/03/24 03:55	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/02/24 16:22	07/03/24 03:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/24 16:22	07/03/24 03:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/02/24 16:22	07/03/24 03:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				07/02/24 16:22	07/03/24 03:55	1
1,4-Difluorobenzene (Surr)	92		70 - 130				07/02/24 16:22	07/03/24 03:55	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			07/03/24 03:55	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			07/04/24 01:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/02/24 17:03	07/04/24 01:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/24 17:03	07/04/24 01:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Client Sample ID: SW-47 (4.5')

Lab Sample ID: 880-45574-15

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 17:03	07/04/24 01:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				07/02/24 17:03	07/04/24 01:13	1
o-Terphenyl	88		70 - 130				07/02/24 17:03	07/04/24 01:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.0		4.98		mg/Kg			07/03/24 12:10	1

Client Sample ID: SW-48 (4.5')

Lab Sample ID: 880-45574-16

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 16:22	07/03/24 04:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/02/24 16:22	07/03/24 04:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/02/24 16:22	07/03/24 04:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/02/24 16:22	07/03/24 04:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/02/24 16:22	07/03/24 04:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/02/24 16:22	07/03/24 04:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				07/02/24 16:22	07/03/24 04:16	1
1,4-Difluorobenzene (Surr)	91		70 - 130				07/02/24 16:22	07/03/24 04:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/03/24 04:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			07/04/24 01:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		07/02/24 17:03	07/04/24 01:31	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/02/24 17:03	07/04/24 01:31	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/02/24 17:03	07/04/24 01:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	0.02	S1-	70 - 130				07/02/24 17:03	07/04/24 01:31	1
o-Terphenyl	13	S1-	70 - 130				07/02/24 17:03	07/04/24 01:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.2		5.03		mg/Kg			07/03/24 12:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Client Sample ID: SW-49 (4.5')

Lab Sample ID: 880-45574-17

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 16:22	07/03/24 04:36	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/02/24 16:22	07/03/24 04:36	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/02/24 16:22	07/03/24 04:36	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/02/24 16:22	07/03/24 04:36	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/02/24 16:22	07/03/24 04:36	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/02/24 16:22	07/03/24 04:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	07/02/24 16:22	07/03/24 04:36	1
1,4-Difluorobenzene (Surr)	91		70 - 130	07/02/24 16:22	07/03/24 04:36	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			07/03/24 04:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			07/04/24 02:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		07/02/24 17:03	07/04/24 02:38	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/02/24 17:03	07/04/24 02:38	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/02/24 17:03	07/04/24 02:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	07/02/24 17:03	07/04/24 02:38	1
o-Terphenyl	81		70 - 130	07/02/24 17:03	07/04/24 02:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.2		4.97		mg/Kg			07/03/24 12:22	1

Client Sample ID: SW-50 (4.5')

Lab Sample ID: 880-45574-18

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 16:22	07/03/24 04:56	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/02/24 16:22	07/03/24 04:56	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/02/24 16:22	07/03/24 04:56	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		07/02/24 16:22	07/03/24 04:56	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/02/24 16:22	07/03/24 04:56	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/02/24 16:22	07/03/24 04:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	07/02/24 16:22	07/03/24 04:56	1
1,4-Difluorobenzene (Surr)	92		70 - 130	07/02/24 16:22	07/03/24 04:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Client Sample ID: SW-50 (4.5')

Lab Sample ID: 880-45574-18

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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			07/03/24 04:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/04/24 02:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/02/24 17:03	07/04/24 02:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/24 17:03	07/04/24 02:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/24 17:03	07/04/24 02:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				07/02/24 17:03	07/04/24 02:59	1
o-Terphenyl	85		70 - 130				07/02/24 17:03	07/04/24 02:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.9		4.96		mg/Kg			07/03/24 12:28	1

Client Sample ID: SW-51 (4.5')

Lab Sample ID: 880-45574-19

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 16:22	07/03/24 05:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/02/24 16:22	07/03/24 05:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/02/24 16:22	07/03/24 05:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/02/24 16:22	07/03/24 05:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/02/24 16:22	07/03/24 05:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/02/24 16:22	07/03/24 05:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				07/02/24 16:22	07/03/24 05:17	1
1,4-Difluorobenzene (Surr)	91		70 - 130				07/02/24 16:22	07/03/24 05:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/03/24 05:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/04/24 03:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/02/24 17:03	07/04/24 03:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/24 17:03	07/04/24 03:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Client Sample ID: SW-51 (4.5')

Lab Sample ID: 880-45574-19

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 17:03	07/04/24 03:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				07/02/24 17:03	07/04/24 03:19	1
o-Terphenyl	95		70 - 130				07/02/24 17:03	07/04/24 03:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.4		5.02		mg/Kg			07/03/24 12:34	1

Client Sample ID: SW-52 (4.5')

Lab Sample ID: 880-45574-20

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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		07/02/24 16:22	07/03/24 05:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/24 16:22	07/03/24 05:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/24 16:22	07/03/24 05:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/02/24 16:22	07/03/24 05:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/24 16:22	07/03/24 05:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/02/24 16:22	07/03/24 05:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				07/02/24 16:22	07/03/24 05:37	1
1,4-Difluorobenzene (Surr)	92		70 - 130				07/02/24 16:22	07/03/24 05:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			07/03/24 05:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/04/24 03:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/02/24 17:03	07/04/24 03:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/24 17:03	07/04/24 03:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/24 17:03	07/04/24 03:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				07/02/24 17:03	07/04/24 03:40	1
o-Terphenyl	83		70 - 130				07/02/24 17:03	07/04/24 03:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.2		4.97		mg/Kg			07/03/24 12:40	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-45574-1	CS-54 (4.5')	112	93
880-45574-1 MS	CS-54 (4.5')	97	91
880-45574-1 MSD	CS-54 (4.5')	99	94
880-45574-2	CS-55 (4.5')	110	91
880-45574-3	CS-56 (4.5')	110	91
880-45574-4	CS-57 (4.5')	113	92
880-45574-5	CS-58 (4.5')	113	91
880-45574-6	CS-59 (4.5')	110	91
880-45574-7	CS-60 (4.5')	113	92
880-45574-8	CS-61 (4.5')	114	92
880-45574-9	CS-62 (4.5')	113	91
880-45574-10	CS-63 (4.5')	119	92
880-45574-11	CS-64 (4.5')	111	92
880-45574-12	CS-65 (4.5')	111	92
880-45574-13	CS-66 (4.5')	116	92
880-45574-14	CS-67 (4.5')	111	91
880-45574-15	SW-47 (4.5')	114	92
880-45574-16	SW-48 (4.5')	113	91
880-45574-17	SW-49 (4.5')	119	91
880-45574-18	SW-50 (4.5')	119	92
880-45574-19	SW-51 (4.5')	111	91
880-45574-20	SW-52 (4.5')	113	92
LCS 880-84888/1-A	Lab Control Sample	98	93
LCSD 880-84888/2-A	Lab Control Sample Dup	98	92
MB 880-84802/8	Method Blank	107	89
MB 880-84888/5-A	Method Blank	107	88
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
880-45574-1	CS-54 (4.5')	101	101
880-45574-1 MS	CS-54 (4.5')	75	72
880-45574-1 MSD	CS-54 (4.5')	72	69 S1-
880-45574-2	CS-55 (4.5')	87	86
880-45574-3	CS-56 (4.5')	93	97
880-45574-4	CS-57 (4.5')	92	93
880-45574-5	CS-58 (4.5')	85	84
880-45574-6	CS-59 (4.5')	111	113
880-45574-7	CS-60 (4.5')	108	105
880-45574-8	CS-61 (4.5')	96	94
880-45574-9	CS-62 (4.5')	93	95
880-45574-10	CS-63 (4.5')	81	81
880-45574-11	CS-64 (4.5')	102	101

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Surrogate Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-45574-12	CS-65 (4.5')	84	85
880-45574-13	CS-66 (4.5')	97	101
880-45574-14	CS-67 (4.5')	92	92
880-45574-15	SW-47 (4.5')	87	88
880-45574-16	SW-48 (4.5')	0.02 S1-	13 S1-
880-45574-17	SW-49 (4.5')	82	81
880-45574-18	SW-50 (4.5')	89	85
880-45574-19	SW-51 (4.5')	93	95
880-45574-20	SW-52 (4.5')	81	83
LCS 880-84894/2-A	Lab Control Sample	120	119
LCSD 880-84894/3-A	Lab Control Sample Dup	109	110
MB 880-84894/1-A	Method Blank	83	87

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-84802/8

Matrix: Solid

Analysis Batch: 84802

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			07/02/24 11:09	1
Toluene	<0.00200	U	0.00200		mg/Kg			07/02/24 11:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			07/02/24 11:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			07/02/24 11:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			07/02/24 11:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			07/02/24 11:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130		07/02/24 11:09	1
1,4-Difluorobenzene (Surr)	89		70 - 130		07/02/24 11:09	1

Lab Sample ID: MB 880-84888/5-A

Matrix: Solid

Analysis Batch: 84802

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84888

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/02/24 16:22	07/02/24 21:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/24 16:22	07/02/24 21:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/24 16:22	07/02/24 21:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/02/24 16:22	07/02/24 21:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/24 16:22	07/02/24 21:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/02/24 16:22	07/02/24 21:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	07/02/24 16:22	07/02/24 21:46	1
1,4-Difluorobenzene (Surr)	88		70 - 130	07/02/24 16:22	07/02/24 21:46	1

Lab Sample ID: LCS 880-84888/1-A

Matrix: Solid

Analysis Batch: 84802

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 84888

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1062		mg/Kg		106	70 - 130
Toluene	0.100	0.09657		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.09806		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.1988		mg/Kg		99	70 - 130
o-Xylene	0.100	0.1002		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-84888/2-A

Matrix: Solid

Analysis Batch: 84802

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 84888

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1080		mg/Kg		108	70 - 130	2	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-84888/2-A

Matrix: Solid

Analysis Batch: 84802

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 84888

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09825		mg/Kg		98	70 - 130	2	35
Ethylbenzene	0.100	0.09980		mg/Kg		100	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2022		mg/Kg		101	70 - 130	2	35
o-Xylene	0.100	0.1017		mg/Kg		102	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 880-45574-1 MS

Matrix: Solid

Analysis Batch: 84802

Client Sample ID: CS-54 (4.5')

Prep Type: Total/NA

Prep Batch: 84888

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.09688		mg/Kg		97	70 - 130
Toluene	<0.00201	U	0.100	0.08840		mg/Kg		88	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.08972		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1812		mg/Kg		91	70 - 130
o-Xylene	<0.00201	U	0.100	0.09065		mg/Kg		91	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-45574-1 MSD

Matrix: Solid

Analysis Batch: 84802

Client Sample ID: CS-54 (4.5')

Prep Type: Total/NA

Prep Batch: 84888

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.1011		mg/Kg		101	70 - 130	4	35
Toluene	<0.00201	U	0.100	0.09148		mg/Kg		91	70 - 130	3	35
Ethylbenzene	<0.00201	U	0.100	0.09277		mg/Kg		93	70 - 130	3	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1874		mg/Kg		94	70 - 130	3	35
o-Xylene	<0.00201	U	0.100	0.09358		mg/Kg		94	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

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

Lab Sample ID: MB 880-84894/1-A

Matrix: Solid

Analysis Batch: 84928

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84894

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		07/02/24 17:03	07/03/24 18:22	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-84894/1-A

Matrix: Solid

Analysis Batch: 84928

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84894

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/24 17:03	07/03/24 18:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/24 17:03	07/03/24 18:22	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				07/02/24 17:03	07/03/24 18:22	1
o-Terphenyl	87		70 - 130				07/02/24 17:03	07/03/24 18:22	1

Lab Sample ID: LCS 880-84894/2-A

Matrix: Solid

Analysis Batch: 84928

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 84894

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1166		mg/Kg		117	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	945.3		mg/Kg		95	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	120		70 - 130						
o-Terphenyl	119		70 - 130						

Lab Sample ID: LCSD 880-84894/3-A

Matrix: Solid

Analysis Batch: 84928

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 84894

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1120		mg/Kg		112	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	884.4		mg/Kg		88	70 - 130	7	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	109		70 - 130						
o-Terphenyl	110		70 - 130						

Lab Sample ID: 880-45574-1 MS

Matrix: Solid

Analysis Batch: 84928

Client Sample ID: CS-54 (4.5')

Prep Type: Total/NA

Prep Batch: 84894

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1000	914.8		mg/Kg		90	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U F1	1000	476.7	F1	mg/Kg		48	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	75		70 - 130								
o-Terphenyl	72		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-45574-1 MSD

Matrix: Solid

Analysis Batch: 84928

Client Sample ID: CS-54 (4.5')

Prep Type: Total/NA

Prep Batch: 84894

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	1000	894.8		mg/Kg		88	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.8	U F1	1000	456.6	F1	mg/Kg		46	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	72		70 - 130								
o-Terphenyl	69	S1-	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-84881/1-A

Matrix: Solid

Analysis Batch: 84899

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			07/03/24 08:05	1

Lab Sample ID: LCS 880-84881/2-A

Matrix: Solid

Analysis Batch: 84899

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	268.6		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 880-84881/3-A

Matrix: Solid

Analysis Batch: 84899

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	260.8		mg/Kg		104	90 - 110	3	20

Lab Sample ID: 880-45574-1 MS

Matrix: Solid

Analysis Batch: 84899

Client Sample ID: CS-54 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	44.0		251	285.9		mg/Kg		96	90 - 110

Lab Sample ID: 880-45574-1 MSD

Matrix: Solid

Analysis Batch: 84899

Client Sample ID: CS-54 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	44.0		251	283.1		mg/Kg		95	90 - 110	1	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-45574-11 MS										Client Sample ID: CS-64 (4.5')				
Matrix: Solid										Prep Type: Soluble				
Analysis Batch: 84899														
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits					
Chloride	42.3	F1 F2	248	244.4	F1	mg/Kg		81	90 - 110					

Lab Sample ID: 880-45574-11 MSD										Client Sample ID: CS-64 (4.5')				
Matrix: Solid										Prep Type: Soluble				
Analysis Batch: 84899														
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit			
Chloride	42.3	F1 F2	248	182.0	F1 F2	mg/Kg		56	90 - 110	29	20			

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 84802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45574-1	CS-54 (4.5')	Total/NA	Solid	8021B	84888
880-45574-2	CS-55 (4.5')	Total/NA	Solid	8021B	84888
880-45574-3	CS-56 (4.5')	Total/NA	Solid	8021B	84888
880-45574-4	CS-57 (4.5')	Total/NA	Solid	8021B	84888
880-45574-5	CS-58 (4.5')	Total/NA	Solid	8021B	84888
880-45574-6	CS-59 (4.5')	Total/NA	Solid	8021B	84888
880-45574-7	CS-60 (4.5')	Total/NA	Solid	8021B	84888
880-45574-8	CS-61 (4.5')	Total/NA	Solid	8021B	84888
880-45574-9	CS-62 (4.5')	Total/NA	Solid	8021B	84888
880-45574-10	CS-63 (4.5')	Total/NA	Solid	8021B	84888
880-45574-11	CS-64 (4.5')	Total/NA	Solid	8021B	84888
880-45574-12	CS-65 (4.5')	Total/NA	Solid	8021B	84888
880-45574-13	CS-66 (4.5')	Total/NA	Solid	8021B	84888
880-45574-14	CS-67 (4.5')	Total/NA	Solid	8021B	84888
880-45574-15	SW-47 (4.5')	Total/NA	Solid	8021B	84888
880-45574-16	SW-48 (4.5')	Total/NA	Solid	8021B	84888
880-45574-17	SW-49 (4.5')	Total/NA	Solid	8021B	84888
880-45574-18	SW-50 (4.5')	Total/NA	Solid	8021B	84888
880-45574-19	SW-51 (4.5')	Total/NA	Solid	8021B	84888
880-45574-20	SW-52 (4.5')	Total/NA	Solid	8021B	84888
MB 880-84802/8	Method Blank	Total/NA	Solid	8021B	
MB 880-84888/5-A	Method Blank	Total/NA	Solid	8021B	84888
LCS 880-84888/1-A	Lab Control Sample	Total/NA	Solid	8021B	84888
LCSD 880-84888/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	84888
880-45574-1 MS	CS-54 (4.5')	Total/NA	Solid	8021B	84888
880-45574-1 MSD	CS-54 (4.5')	Total/NA	Solid	8021B	84888

Prep Batch: 84888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45574-1	CS-54 (4.5')	Total/NA	Solid	5035	
880-45574-2	CS-55 (4.5')	Total/NA	Solid	5035	
880-45574-3	CS-56 (4.5')	Total/NA	Solid	5035	
880-45574-4	CS-57 (4.5')	Total/NA	Solid	5035	
880-45574-5	CS-58 (4.5')	Total/NA	Solid	5035	
880-45574-6	CS-59 (4.5')	Total/NA	Solid	5035	
880-45574-7	CS-60 (4.5')	Total/NA	Solid	5035	
880-45574-8	CS-61 (4.5')	Total/NA	Solid	5035	
880-45574-9	CS-62 (4.5')	Total/NA	Solid	5035	
880-45574-10	CS-63 (4.5')	Total/NA	Solid	5035	
880-45574-11	CS-64 (4.5')	Total/NA	Solid	5035	
880-45574-12	CS-65 (4.5')	Total/NA	Solid	5035	
880-45574-13	CS-66 (4.5')	Total/NA	Solid	5035	
880-45574-14	CS-67 (4.5')	Total/NA	Solid	5035	
880-45574-15	SW-47 (4.5')	Total/NA	Solid	5035	
880-45574-16	SW-48 (4.5')	Total/NA	Solid	5035	
880-45574-17	SW-49 (4.5')	Total/NA	Solid	5035	
880-45574-18	SW-50 (4.5')	Total/NA	Solid	5035	
880-45574-19	SW-51 (4.5')	Total/NA	Solid	5035	
880-45574-20	SW-52 (4.5')	Total/NA	Solid	5035	
MB 880-84888/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-84888/1-A	Lab Control Sample	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 84888 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-84888/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-45574-1 MS	CS-54 (4.5')	Total/NA	Solid	5035	
880-45574-1 MSD	CS-54 (4.5')	Total/NA	Solid	5035	

Analysis Batch: 84976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45574-1	CS-54 (4.5')	Total/NA	Solid	Total BTEX	
880-45574-2	CS-55 (4.5')	Total/NA	Solid	Total BTEX	
880-45574-3	CS-56 (4.5')	Total/NA	Solid	Total BTEX	
880-45574-4	CS-57 (4.5')	Total/NA	Solid	Total BTEX	
880-45574-5	CS-58 (4.5')	Total/NA	Solid	Total BTEX	
880-45574-6	CS-59 (4.5')	Total/NA	Solid	Total BTEX	
880-45574-7	CS-60 (4.5')	Total/NA	Solid	Total BTEX	
880-45574-8	CS-61 (4.5')	Total/NA	Solid	Total BTEX	
880-45574-9	CS-62 (4.5')	Total/NA	Solid	Total BTEX	
880-45574-10	CS-63 (4.5')	Total/NA	Solid	Total BTEX	
880-45574-11	CS-64 (4.5')	Total/NA	Solid	Total BTEX	
880-45574-12	CS-65 (4.5')	Total/NA	Solid	Total BTEX	
880-45574-13	CS-66 (4.5')	Total/NA	Solid	Total BTEX	
880-45574-14	CS-67 (4.5')	Total/NA	Solid	Total BTEX	
880-45574-15	SW-47 (4.5')	Total/NA	Solid	Total BTEX	
880-45574-16	SW-48 (4.5')	Total/NA	Solid	Total BTEX	
880-45574-17	SW-49 (4.5')	Total/NA	Solid	Total BTEX	
880-45574-18	SW-50 (4.5')	Total/NA	Solid	Total BTEX	
880-45574-19	SW-51 (4.5')	Total/NA	Solid	Total BTEX	
880-45574-20	SW-52 (4.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 84894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45574-1	CS-54 (4.5')	Total/NA	Solid	8015NM Prep	
880-45574-2	CS-55 (4.5')	Total/NA	Solid	8015NM Prep	
880-45574-3	CS-56 (4.5')	Total/NA	Solid	8015NM Prep	
880-45574-4	CS-57 (4.5')	Total/NA	Solid	8015NM Prep	
880-45574-5	CS-58 (4.5')	Total/NA	Solid	8015NM Prep	
880-45574-6	CS-59 (4.5')	Total/NA	Solid	8015NM Prep	
880-45574-7	CS-60 (4.5')	Total/NA	Solid	8015NM Prep	
880-45574-8	CS-61 (4.5')	Total/NA	Solid	8015NM Prep	
880-45574-9	CS-62 (4.5')	Total/NA	Solid	8015NM Prep	
880-45574-10	CS-63 (4.5')	Total/NA	Solid	8015NM Prep	
880-45574-11	CS-64 (4.5')	Total/NA	Solid	8015NM Prep	
880-45574-12	CS-65 (4.5')	Total/NA	Solid	8015NM Prep	
880-45574-13	CS-66 (4.5')	Total/NA	Solid	8015NM Prep	
880-45574-14	CS-67 (4.5')	Total/NA	Solid	8015NM Prep	
880-45574-15	SW-47 (4.5')	Total/NA	Solid	8015NM Prep	
880-45574-16	SW-48 (4.5')	Total/NA	Solid	8015NM Prep	
880-45574-17	SW-49 (4.5')	Total/NA	Solid	8015NM Prep	
880-45574-18	SW-50 (4.5')	Total/NA	Solid	8015NM Prep	
880-45574-19	SW-51 (4.5')	Total/NA	Solid	8015NM Prep	
880-45574-20	SW-52 (4.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 84894 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-84894/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-84894/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-84894/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-45574-1 MS	CS-54 (4.5')	Total/NA	Solid	8015NM Prep	
880-45574-1 MSD	CS-54 (4.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 84928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45574-1	CS-54 (4.5')	Total/NA	Solid	8015B NM	84894
880-45574-2	CS-55 (4.5')	Total/NA	Solid	8015B NM	84894
880-45574-3	CS-56 (4.5')	Total/NA	Solid	8015B NM	84894
880-45574-4	CS-57 (4.5')	Total/NA	Solid	8015B NM	84894
880-45574-5	CS-58 (4.5')	Total/NA	Solid	8015B NM	84894
880-45574-6	CS-59 (4.5')	Total/NA	Solid	8015B NM	84894
880-45574-7	CS-60 (4.5')	Total/NA	Solid	8015B NM	84894
880-45574-8	CS-61 (4.5')	Total/NA	Solid	8015B NM	84894
880-45574-9	CS-62 (4.5')	Total/NA	Solid	8015B NM	84894
880-45574-10	CS-63 (4.5')	Total/NA	Solid	8015B NM	84894
880-45574-11	CS-64 (4.5')	Total/NA	Solid	8015B NM	84894
880-45574-12	CS-65 (4.5')	Total/NA	Solid	8015B NM	84894
880-45574-13	CS-66 (4.5')	Total/NA	Solid	8015B NM	84894
880-45574-14	CS-67 (4.5')	Total/NA	Solid	8015B NM	84894
880-45574-15	SW-47 (4.5')	Total/NA	Solid	8015B NM	84894
880-45574-16	SW-48 (4.5')	Total/NA	Solid	8015B NM	84894
880-45574-17	SW-49 (4.5')	Total/NA	Solid	8015B NM	84894
880-45574-18	SW-50 (4.5')	Total/NA	Solid	8015B NM	84894
880-45574-19	SW-51 (4.5')	Total/NA	Solid	8015B NM	84894
880-45574-20	SW-52 (4.5')	Total/NA	Solid	8015B NM	84894
MB 880-84894/1-A	Method Blank	Total/NA	Solid	8015B NM	84894
LCS 880-84894/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	84894
LCSD 880-84894/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	84894
880-45574-1 MS	CS-54 (4.5')	Total/NA	Solid	8015B NM	84894
880-45574-1 MSD	CS-54 (4.5')	Total/NA	Solid	8015B NM	84894

Analysis Batch: 84985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45574-1	CS-54 (4.5')	Total/NA	Solid	8015 NM	
880-45574-2	CS-55 (4.5')	Total/NA	Solid	8015 NM	
880-45574-3	CS-56 (4.5')	Total/NA	Solid	8015 NM	
880-45574-4	CS-57 (4.5')	Total/NA	Solid	8015 NM	
880-45574-5	CS-58 (4.5')	Total/NA	Solid	8015 NM	
880-45574-6	CS-59 (4.5')	Total/NA	Solid	8015 NM	
880-45574-7	CS-60 (4.5')	Total/NA	Solid	8015 NM	
880-45574-8	CS-61 (4.5')	Total/NA	Solid	8015 NM	
880-45574-9	CS-62 (4.5')	Total/NA	Solid	8015 NM	
880-45574-10	CS-63 (4.5')	Total/NA	Solid	8015 NM	
880-45574-11	CS-64 (4.5')	Total/NA	Solid	8015 NM	
880-45574-12	CS-65 (4.5')	Total/NA	Solid	8015 NM	
880-45574-13	CS-66 (4.5')	Total/NA	Solid	8015 NM	
880-45574-14	CS-67 (4.5')	Total/NA	Solid	8015 NM	
880-45574-15	SW-47 (4.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 84985 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45574-16	SW-48 (4.5')	Total/NA	Solid	8015 NM	
880-45574-17	SW-49 (4.5')	Total/NA	Solid	8015 NM	
880-45574-18	SW-50 (4.5')	Total/NA	Solid	8015 NM	
880-45574-19	SW-51 (4.5')	Total/NA	Solid	8015 NM	
880-45574-20	SW-52 (4.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 84881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45574-1	CS-54 (4.5')	Soluble	Solid	DI Leach	
880-45574-2	CS-55 (4.5')	Soluble	Solid	DI Leach	
880-45574-3	CS-56 (4.5')	Soluble	Solid	DI Leach	
880-45574-4	CS-57 (4.5')	Soluble	Solid	DI Leach	
880-45574-5	CS-58 (4.5')	Soluble	Solid	DI Leach	
880-45574-6	CS-59 (4.5')	Soluble	Solid	DI Leach	
880-45574-7	CS-60 (4.5')	Soluble	Solid	DI Leach	
880-45574-8	CS-61 (4.5')	Soluble	Solid	DI Leach	
880-45574-9	CS-62 (4.5')	Soluble	Solid	DI Leach	
880-45574-10	CS-63 (4.5')	Soluble	Solid	DI Leach	
880-45574-11	CS-64 (4.5')	Soluble	Solid	DI Leach	
880-45574-12	CS-65 (4.5')	Soluble	Solid	DI Leach	
880-45574-13	CS-66 (4.5')	Soluble	Solid	DI Leach	
880-45574-14	CS-67 (4.5')	Soluble	Solid	DI Leach	
880-45574-15	SW-47 (4.5')	Soluble	Solid	DI Leach	
880-45574-16	SW-48 (4.5')	Soluble	Solid	DI Leach	
880-45574-17	SW-49 (4.5')	Soluble	Solid	DI Leach	
880-45574-18	SW-50 (4.5')	Soluble	Solid	DI Leach	
880-45574-19	SW-51 (4.5')	Soluble	Solid	DI Leach	
880-45574-20	SW-52 (4.5')	Soluble	Solid	DI Leach	
MB 880-84881/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-84881/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-84881/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-45574-1 MS	CS-54 (4.5')	Soluble	Solid	DI Leach	
880-45574-1 MSD	CS-54 (4.5')	Soluble	Solid	DI Leach	
880-45574-11 MS	CS-64 (4.5')	Soluble	Solid	DI Leach	
880-45574-11 MSD	CS-64 (4.5')	Soluble	Solid	DI Leach	

Analysis Batch: 84899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45574-1	CS-54 (4.5')	Soluble	Solid	300.0	84881
880-45574-2	CS-55 (4.5')	Soluble	Solid	300.0	84881
880-45574-3	CS-56 (4.5')	Soluble	Solid	300.0	84881
880-45574-4	CS-57 (4.5')	Soluble	Solid	300.0	84881
880-45574-5	CS-58 (4.5')	Soluble	Solid	300.0	84881
880-45574-6	CS-59 (4.5')	Soluble	Solid	300.0	84881
880-45574-7	CS-60 (4.5')	Soluble	Solid	300.0	84881
880-45574-8	CS-61 (4.5')	Soluble	Solid	300.0	84881
880-45574-9	CS-62 (4.5')	Soluble	Solid	300.0	84881
880-45574-10	CS-63 (4.5')	Soluble	Solid	300.0	84881
880-45574-11	CS-64 (4.5')	Soluble	Solid	300.0	84881

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 84899 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45574-12	CS-65 (4.5')	Soluble	Solid	300.0	84881
880-45574-13	CS-66 (4.5')	Soluble	Solid	300.0	84881
880-45574-14	CS-67 (4.5')	Soluble	Solid	300.0	84881
880-45574-15	SW-47 (4.5')	Soluble	Solid	300.0	84881
880-45574-16	SW-48 (4.5')	Soluble	Solid	300.0	84881
880-45574-17	SW-49 (4.5')	Soluble	Solid	300.0	84881
880-45574-18	SW-50 (4.5')	Soluble	Solid	300.0	84881
880-45574-19	SW-51 (4.5')	Soluble	Solid	300.0	84881
880-45574-20	SW-52 (4.5')	Soluble	Solid	300.0	84881
MB 880-84881/1-A	Method Blank	Soluble	Solid	300.0	84881
LCS 880-84881/2-A	Lab Control Sample	Soluble	Solid	300.0	84881
LCSD 880-84881/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	84881
880-45574-1 MS	CS-54 (4.5')	Soluble	Solid	300.0	84881
880-45574-1 MSD	CS-54 (4.5')	Soluble	Solid	300.0	84881
880-45574-11 MS	CS-64 (4.5')	Soluble	Solid	300.0	84881
880-45574-11 MSD	CS-64 (4.5')	Soluble	Solid	300.0	84881

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Client Sample ID: CS-54 (4.5')**Lab Sample ID: 880-45574-1****Date Collected: 07/02/24 00:00****Matrix: Solid****Date Received: 07/02/24 14:40**

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	84888	07/02/24 16:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84802	07/02/24 22:08	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84976	07/02/24 22:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			84985	07/03/24 19:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84894	07/02/24 17:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84928	07/03/24 19:24	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	84881	07/02/24 16:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84899	07/03/24 09:56	CH	EET MID

Client Sample ID: CS-55 (4.5')**Lab Sample ID: 880-45574-2****Date Collected: 07/02/24 00:00****Matrix: Solid****Date Received: 07/02/24 14:40**

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	84888	07/02/24 16:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84802	07/02/24 22:28	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84976	07/02/24 22:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			84985	07/03/24 20:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84894	07/02/24 17:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84928	07/03/24 20:26	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	84881	07/02/24 16:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84899	07/03/24 10:15	CH	EET MID

Client Sample ID: CS-56 (4.5')**Lab Sample ID: 880-45574-3****Date Collected: 07/02/24 00:00****Matrix: Solid****Date Received: 07/02/24 14:40**

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	84888	07/02/24 16:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84802	07/02/24 22:48	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84976	07/02/24 22:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			84985	07/03/24 20:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	84894	07/02/24 17:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84928	07/03/24 20:47	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	84881	07/02/24 16:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84899	07/03/24 10:21	CH	EET MID

Client Sample ID: CS-57 (4.5')**Lab Sample ID: 880-45574-4****Date Collected: 07/02/24 00:00****Matrix: Solid****Date Received: 07/02/24 14:40**

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	84888	07/02/24 16:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84802	07/02/24 23:09	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84976	07/02/24 23:09	SM	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Client Sample ID: CS-57 (4.5')
Date Collected: 07/02/24 00:00
Date Received: 07/02/24 14:40

Lab Sample ID: 880-45574-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			84985	07/03/24 21:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84894	07/02/24 17:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84928	07/03/24 21:07	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	84881	07/02/24 16:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84899	07/03/24 10:27	CH	EET MID

Client Sample ID: CS-58 (4.5')
Date Collected: 07/02/24 00:00
Date Received: 07/02/24 14:40

Lab Sample ID: 880-45574-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	84888	07/02/24 16:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84802	07/02/24 23:29	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84976	07/02/24 23:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			84985	07/03/24 21:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	84894	07/02/24 17:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84928	07/03/24 21:28	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	84881	07/02/24 16:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84899	07/03/24 10:33	CH	EET MID

Client Sample ID: CS-59 (4.5')
Date Collected: 07/02/24 00:00
Date Received: 07/02/24 14:40

Lab Sample ID: 880-45574-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	84888	07/02/24 16:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84802	07/02/24 23:50	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84976	07/02/24 23:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			84985	07/03/24 21:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	84894	07/02/24 17:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84928	07/03/24 21:48	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	84881	07/02/24 16:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84899	07/03/24 10:51	CH	EET MID

Client Sample ID: CS-60 (4.5')
Date Collected: 07/02/24 00:00
Date Received: 07/02/24 14:40

Lab Sample ID: 880-45574-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	84888	07/02/24 16:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84802	07/03/24 00:10	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84976	07/03/24 00:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			84985	07/03/24 22:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84894	07/02/24 17:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84928	07/03/24 22:09	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Client Sample ID: CS-60 (4.5')
Date Collected: 07/02/24 00:00
Date Received: 07/02/24 14:40

Lab Sample ID: 880-45574-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	84881	07/02/24 16:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84899	07/03/24 10:58	CH	EET MID

Client Sample ID: CS-61 (4.5')
Date Collected: 07/02/24 00:00
Date Received: 07/02/24 14:40

Lab Sample ID: 880-45574-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	84888	07/02/24 16:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84802	07/03/24 00:30	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84976	07/03/24 00:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			84985	07/03/24 22:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84894	07/02/24 17:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84928	07/03/24 22:29	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	84881	07/02/24 16:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84899	07/03/24 11:04	CH	EET MID

Client Sample ID: CS-62 (4.5')
Date Collected: 07/02/24 00:00
Date Received: 07/02/24 14:40

Lab Sample ID: 880-45574-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	84888	07/02/24 16:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84802	07/03/24 00:51	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84976	07/03/24 00:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			84985	07/03/24 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84894	07/02/24 17:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84928	07/03/24 22:49	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	84881	07/02/24 16:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84899	07/03/24 11:10	CH	EET MID

Client Sample ID: CS-63 (4.5')
Date Collected: 07/02/24 00:00
Date Received: 07/02/24 14:40

Lab Sample ID: 880-45574-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	84888	07/02/24 16:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84802	07/03/24 01:11	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84976	07/03/24 01:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			84985	07/03/24 23:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84894	07/02/24 17:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84928	07/03/24 23:11	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	84881	07/02/24 16:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84899	07/03/24 11:16	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Client Sample ID: CS-64 (4.5')

Lab Sample ID: 880-45574-11

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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	84888	07/02/24 16:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84802	07/03/24 02:34	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84976	07/03/24 02:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			84985	07/03/24 23:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	84894	07/02/24 17:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84928	07/03/24 23:51	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	84881	07/02/24 16:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84899	07/03/24 11:22	CH	EET MID

Client Sample ID: CS-65 (4.5')

Lab Sample ID: 880-45574-12

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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	84888	07/02/24 16:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84802	07/03/24 02:54	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84976	07/03/24 02:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			84985	07/04/24 00:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84894	07/02/24 17:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84928	07/04/24 00:11	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	84881	07/02/24 16:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84899	07/03/24 11:40	CH	EET MID

Client Sample ID: CS-66 (4.5')

Lab Sample ID: 880-45574-13

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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	84888	07/02/24 16:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84802	07/03/24 03:14	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84976	07/03/24 03:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			84985	07/04/24 00:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	84894	07/02/24 17:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84928	07/04/24 00:32	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	84881	07/02/24 16:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84899	07/03/24 11:46	CH	EET MID

Client Sample ID: CS-67 (4.5')

Lab Sample ID: 880-45574-14

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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	84888	07/02/24 16:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84802	07/03/24 03:35	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84976	07/03/24 03:35	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Client Sample ID: CS-67 (4.5')

Lab Sample ID: 880-45574-14

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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			84985	07/04/24 00:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84894	07/02/24 17:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84928	07/04/24 00:52	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	84881	07/02/24 16:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84899	07/03/24 12:04	CH	EET MID

Client Sample ID: SW-47 (4.5')

Lab Sample ID: 880-45574-15

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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	84888	07/02/24 16:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84802	07/03/24 03:55	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84976	07/03/24 03:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			84985	07/04/24 01:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84894	07/02/24 17:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84928	07/04/24 01:13	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	84881	07/02/24 16:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84899	07/03/24 12:10	CH	EET MID

Client Sample ID: SW-48 (4.5')

Lab Sample ID: 880-45574-16

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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	84888	07/02/24 16:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84802	07/03/24 04:16	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84976	07/03/24 04:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			84985	07/04/24 01:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	84894	07/02/24 17:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84928	07/04/24 01:31	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	84881	07/02/24 16:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84899	07/03/24 12:16	CH	EET MID

Client Sample ID: SW-49 (4.5')

Lab Sample ID: 880-45574-17

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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	84888	07/02/24 16:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84802	07/03/24 04:36	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84976	07/03/24 04:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			84985	07/04/24 02:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	84894	07/02/24 17:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84928	07/04/24 02:38	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Client Sample ID: SW-49 (4.5')

Lab Sample ID: 880-45574-17

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	84881	07/02/24 16:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84899	07/03/24 12:22	CH	EET MID

Client Sample ID: SW-50 (4.5')

Lab Sample ID: 880-45574-18

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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	84888	07/02/24 16:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84802	07/03/24 04:56	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84976	07/03/24 04:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			84985	07/04/24 02:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84894	07/02/24 17:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84928	07/04/24 02:59	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	84881	07/02/24 16:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84899	07/03/24 12:28	CH	EET MID

Client Sample ID: SW-51 (4.5')

Lab Sample ID: 880-45574-19

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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	84888	07/02/24 16:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84802	07/03/24 05:17	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84976	07/03/24 05:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			84985	07/04/24 03:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84894	07/02/24 17:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84928	07/04/24 03:19	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	84881	07/02/24 16:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84899	07/03/24 12:34	CH	EET MID

Client Sample ID: SW-52 (4.5')

Lab Sample ID: 880-45574-20

Date Collected: 07/02/24 00:00

Matrix: Solid

Date Received: 07/02/24 14:40

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	84888	07/02/24 16:22	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84802	07/03/24 05:37	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84976	07/03/24 05:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			84985	07/04/24 03:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84894	07/02/24 17:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84928	07/04/24 03:40	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	84881	07/02/24 16:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84899	07/03/24 12:40	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea 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: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
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: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

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

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

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

Sample Summary

Client: Carmona Resources
Project/Site: Antero New Riser Spill

Job ID: 880-45574-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-45574-1	CS-54 (4.5')	Solid	07/02/24 00:00	07/02/24 14:40
880-45574-2	CS-55 (4.5')	Solid	07/02/24 00:00	07/02/24 14:40
880-45574-3	CS-56 (4.5')	Solid	07/02/24 00:00	07/02/24 14:40
880-45574-4	CS-57 (4.5')	Solid	07/02/24 00:00	07/02/24 14:40
880-45574-5	CS-58 (4.5')	Solid	07/02/24 00:00	07/02/24 14:40
880-45574-6	CS-59 (4.5')	Solid	07/02/24 00:00	07/02/24 14:40
880-45574-7	CS-60 (4.5')	Solid	07/02/24 00:00	07/02/24 14:40
880-45574-8	CS-61 (4.5')	Solid	07/02/24 00:00	07/02/24 14:40
880-45574-9	CS-62 (4.5')	Solid	07/02/24 00:00	07/02/24 14:40
880-45574-10	CS-63 (4.5')	Solid	07/02/24 00:00	07/02/24 14:40
880-45574-11	CS-64 (4.5')	Solid	07/02/24 00:00	07/02/24 14:40
880-45574-12	CS-65 (4.5')	Solid	07/02/24 00:00	07/02/24 14:40
880-45574-13	CS-66 (4.5')	Solid	07/02/24 00:00	07/02/24 14:40
880-45574-14	CS-67 (4.5')	Solid	07/02/24 00:00	07/02/24 14:40
880-45574-15	SW-47 (4.5')	Solid	07/02/24 00:00	07/02/24 14:40
880-45574-16	SW-48 (4.5')	Solid	07/02/24 00:00	07/02/24 14:40
880-45574-17	SW-49 (4.5')	Solid	07/02/24 00:00	07/02/24 14:40
880-45574-18	SW-50 (4.5')	Solid	07/02/24 00:00	07/02/24 14:40
880-45574-19	SW-51 (4.5')	Solid	07/02/24 00:00	07/02/24 14:40
880-45574-20	SW-52 (4.5')	Solid	07/02/24 00:00	07/02/24 14:40

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmora 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 ☐ RP ☐ Brownfields ☐ RC ☐ ☐ perfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other: ☐	

Project Name:		Antero New Riser Spill		Turn Around				ANALYSIS REQUEST										Preservative Codes			
Project Number:		2233		☐ Routine ☒ Rush		Pres. Code												None: NO		DI Water: H ₂ O	
Project Location		Lea County, New Mexico		Due Date:		24 Hour												Cool: Cool		MeOH: Me	
Sampler's Name:		JIMJR																HCL: HC		HNO ₃ : HN	
PO #:																		H ₂ SO ₄ : H ₂		NaOH: Na	
SAMPLE RECEIPT		Temp Blank:		Yes ☒ No ☐		Wet Ice:		Yes ☒ No ☐										H ₃ PO ₄ : HP			
Received Intact:		Yes ☒ No ☐		Thermometer ID:				136										NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes ☐ No ☒ N/A		Correction Factor:				-1										Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes ☐ No ☒ N/A		Temperature Reading:				-1.3										Zn Acetate+NaOH: Zn			
Total Containers:				Corrected Temperature:				-1.4										NaOH+Ascorbic Acid: SAPC			

[illegible]

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7/16/14		7/16/14



880-45574 Chain of Custody

Work Order No: 45574

Page 2 of 2

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmora 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/PT ☐ RP ☐ Rowfields ☐ RC ☐ perfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ RP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other: ☐	

[illegible][illegible]

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

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7/27/04		7/27/04 1440

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-45574-1

SDG Number: Lea County, New Mexico

Login Number: 45574

List Number: 1

List Source: Eurofins Midland

Creator: Vasquez, Julisa

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



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

July 12, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: ANTERO NEW RISER SPILL

Enclosed are the results of analyses for samples received by the laboratory on 07/11/24 14:54.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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, appearing to read "Mike Snyder".

Mike Snyder For 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 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/11/2024
 Reported: 07/12/2024
 Project Name: ANTERO NEW RISER SPILL
 Project Number: 2233
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CORLEONE PIT (H244156-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2024	ND	1.87	93.6	2.00	1.23	
Toluene*	<0.050	0.050	07/12/2024	ND	1.93	96.5	2.00	1.90	
Ethylbenzene*	<0.050	0.050	07/12/2024	ND	2.09	104	2.00	2.50	
Total Xylenes*	<0.150	0.150	07/12/2024	ND	6.16	103	6.00	2.78	
Total BTX	<0.300	0.300	07/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/12/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	190	95.0	200	2.05	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	184	92.2	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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

A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 17244154

Page 1 of 1

Work Order Comments	
Program: UST/PST ☐ RP ☐ Brownfields ☐ RC ☐ perfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ RP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other: _____	

[illegible]

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

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

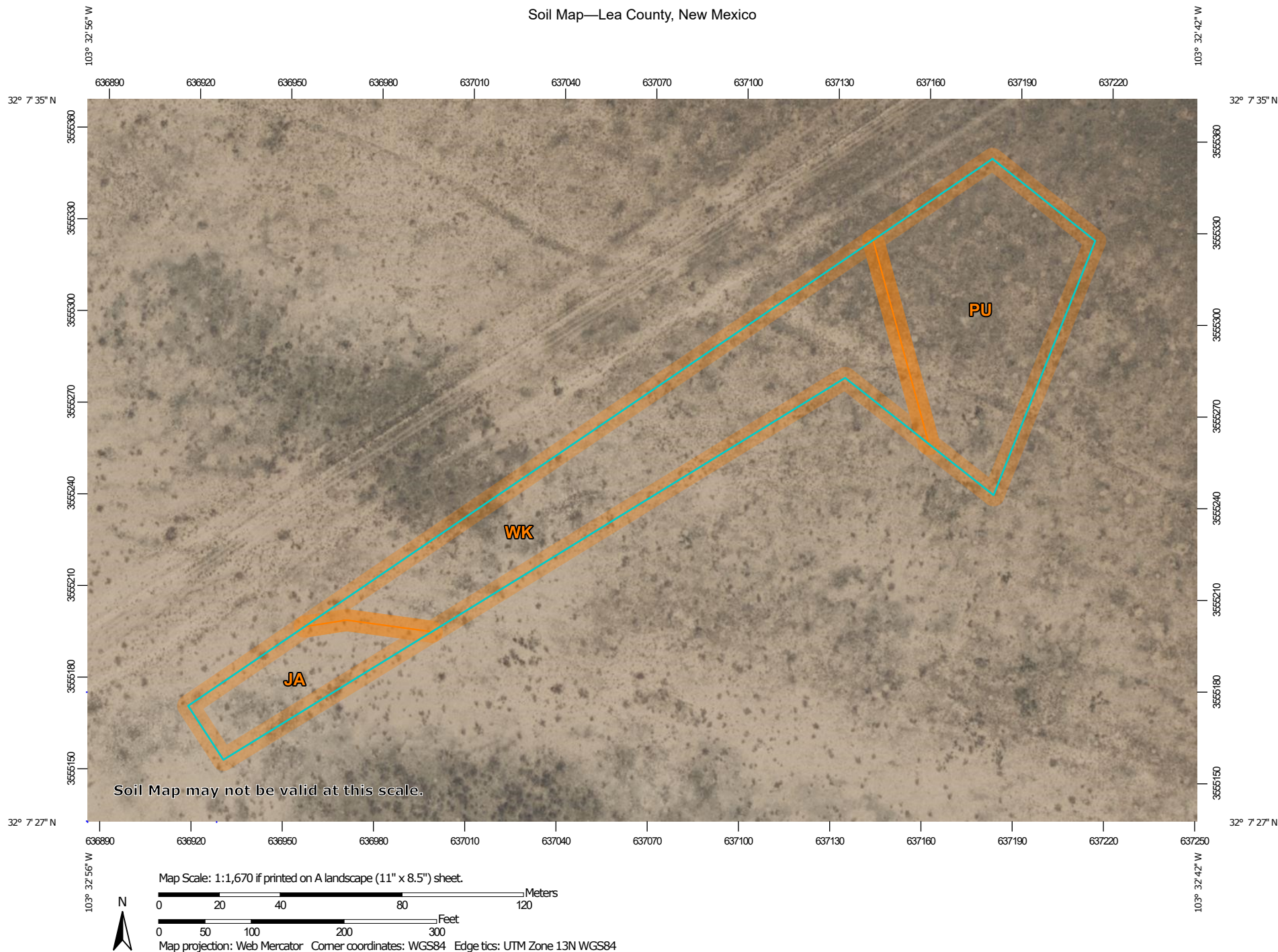
Date/Time

APPENDIX F

CARMONA RESOURCES



Soil Map—Lea County, New Mexico



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

7/9/2024
Page 1 of 3

Soil Map—Lea County, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 20, Sep 6, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
JA	Jal association	0.4	12.1%
PU	Pyote and Maljamar fine sands	1.1	37.5%
WK	Wink loamy fine sand	1.5	50.4%
Totals for Area of Interest		3.0	100.0%

Map Unit Description: Wink loamy fine sand---Lea County, New Mexico

Lea County, New Mexico

WK—Wink loamy fine sand

Map Unit Setting

National map unit symbol: dmmr

Elevation: 3,000 to 3,400 feet

Mean annual precipitation: 10 to 15 inches

Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Wink and similar soils: 85 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Wink

Setting

Landform: Depressions

Landform position (two-dimensional): Toeslope

Landform position (three-dimensional): Dip

Down-slope shape: Concave

Across-slope shape: Concave

Parent material: Calcareous sandy alluvium and/or calcareous sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 12 inches: loamy fine sand

Bk - 12 to 23 inches: sandy loam

BCK - 23 to 60 inches: sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): High
(2.00 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 30 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 4.2 inches)

Map Unit Description: Wink loamy fine sand---Lea County, New Mexico

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: A

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Minor Components**Berino**

Percent of map unit: 5 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Midessa

Percent of map unit: 4 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Jal

Percent of map unit: 4 percent

Ecological site: R070BC030NM - Limy

Hydric soil rating: No

Cacique

Percent of map unit: 2 percent

Ecological site: R070BD004NM - Sandy

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 20, Sep 6, 2023



Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

National map unit symbol: dmqq

Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 12 inches

Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent

Maljamar and similar soils: 44 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pyote

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 30 inches: fine sand

Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): High
(2.00 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Description of Maljamar

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 24 inches: fine sand
Bt - 24 to 50 inches: sandy clay loam
Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 10 percent
Ecological site: R070BC022NM - Sandhills

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 20, Sep 6, 2023

Map Unit Description: Jal association---Lea County, New Mexico

Lea County, New Mexico

JA—Jal association

Map Unit Setting

National map unit symbol: dmpt

Elevation: 3,000 to 4,000 feet

Mean annual precipitation: 10 to 16 inches

Mean annual air temperature: 58 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Jal and similar soils: 55 percent

Drake and similar soils: 30 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Jal

Setting

Landform: Playa rims

Landform position (two-dimensional): Shoulder

Landform position (three-dimensional): Dip

Down-slope shape: Convex

Across-slope shape: Concave

Parent material: Calcareous alluvium and/or calcareous lacustrine deposits derived from sedimentary rock

Typical profile

A - 0 to 12 inches: sandy loam

Bk - 12 to 60 inches: loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 50 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Moderate (about 7.2 inches)

Map Unit Description: Jal association---Lea County, New Mexico

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: B
Ecological site: R070BC030NM - Limy
Hydric soil rating: No

Description of Drake**Setting**

Landform: Playa dunes
Landform position (two-dimensional): Backslope, footslope
Landform position (three-dimensional): Side slope
Down-slope shape: Concave, linear
Across-slope shape: Linear
Parent material: Calcareous eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 9 inches: loamy fine sand
AC - 9 to 30 inches: fine sandy loam
C - 30 to 60 inches: sandy clay loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 50 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Moderate (about 6.1 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: A
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Minor Components**Midessa**

Percent of map unit: 5 percent
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Map Unit Description: Jal association---Lea County, New Mexico

Wink

Percent of map unit: 5 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Simona

Percent of map unit: 5 percent

Ecological site: R070BD002NM - Shallow Sandy

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 20, Sep 6, 2023



(26)

BLM SERIAL #:

COMPANY REFERENCE:

3.1 Seed Mixture 1, for Loamy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (small/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Plains lovegrass (<i>Eragrostis intermedia</i>)	0.5
Sand dropseed (<i>Sporobolus cryptandrus</i>)	1.0
Sideoats grama (<i>Bouteloua curtipendula</i>)	5.0
Plains bristlegrass (<i>Setaria macrostachya</i>)	2.0

*Pounds of pure live seed:

Pounds of seed x percent purity x percent germination = pounds pure live seed

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

QUESTIONS

Action 367560

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 367560
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2405352829
Incident Name	NAPP2405352829 ANTERO RISER @ 0
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received

Location of Release Source

Please answer all the questions in this group.

Site Name	ANTERO RISER
Date Release Discovered	01/10/2024
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Valve Produced Water Released: 563 BBL Recovered: 0 BBL Lost: 563 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

QUESTIONS, Page 2

Action 367560

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID:	7377
	Action Number:	367560
	Action Type:	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 07/26/2024
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QUESTIONS, Page 3

Action 367560

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID:
	7377
	Action Number: 367560
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride	(EPA 300.0 or SM4500 Cl B)	15100
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	6850
GRO+DRO	(EPA SW-846 Method 8015M)	6071
BTEX	(EPA SW-846 Method 8021B or 8260B)	1
Benzene	(EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	06/25/2024
On what date will (or did) the final sampling or liner inspection occur	07/08/2024
On what date will (or was) the remediation complete(d)	07/15/2024
What is the estimated surface area (in square feet) that will be reclaimed	29650
What is the estimated volume (in cubic yards) that will be reclaimed	3700
What is the estimated surface area (in square feet) that will be remediated	29650
What is the estimated volume (in cubic yards) that will be remediated	3700

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 367560

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID:	7377
	Action Number:	367560
	Action Type:	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	OWL LANDFILL JAL [fJEG1635837366]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 07/26/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 367560

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 367560
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 367560

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID:
	7377
	Action Number: 367560
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	359237
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/08/2024
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	1000

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	29650
What was the total volume (cubic yards) remediated	3694
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	29650
What was the total volume (in cubic yards) reclaimed	3694
Summarize any additional remediation activities not included by answers (above)	na

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

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

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 07/26/2024
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QUESTIONS, Page 7

Action 367560

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID:
	7377
	Action Number:
	367560
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	29650
What was the total volume of replacement material (in cubic yards) for this site	3694
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	07/15/2024
Summarize any additional reclamation activities not included by answers (above)	Backfilled areas in the pasture were seeded via hand broadcasting; seed mixture used was BLM Seed Mixture #1.
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 07/26/2024

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QUESTIONS, Page 8

Action 367560

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 367560
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.	
Requesting a restoration complete approval with this submission	No
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.	

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CONDITIONS

Action 367560

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID:
	7377
	Action Number: 367560
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
bhall	Remediation closure and reclamation report approved. A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	7/30/2024
bhall	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	7/30/2024
bhall	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	7/30/2024
bhall	Be advised, the Word/PDF version of the Form C-141 does not need to be completed, signed, and uploaded with the report. The digital C-141 has replaced this form.	7/30/2024