

CARMONA RESOURCES



SITE INFORMATION

Closure Report
Cali Roll Federal Com 002H (11.01.22)
Incident ID: NAPP2231537638
Eddy County, New Mexico
Unit D Sec 19 T26S R26E
32.0316°, -104.3393°

Produced Water Release
Point of Release: Hole in Transfer Pump
Release Date: 11.01.22
Volume Released: 13.041 Barrels of Produced Water
Volume Recovered: 0 barrels of Produced Water

CARMONA RESOURCES



Prepared for:
Concho Operating, LLC
15 West London Road
Loving, New Mexico 88256

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

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



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February 16, 2023

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

**Re: Closure Report
Cali Roll Federal Com 002H (11.01.22)
Concho Operating, LLC
Site Location: Unit D, S19, T26S, R26E
(Lat 32.0316°, Long -104.3393°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site assessment activities for the Cali Roll Federal Com 002H (11.01.22). The site is located at 32.0316, -104.3393 within Unit D, S19, T26S, R26E, and is in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on November 1, 2022, caused by a hole in the transfer pump due to corrosion. It released approximately thirteen-point-zero-four-one (13.041) barrels of produced water, and zero (0) barrels of produced water were recovered. The impacted area occurred off the pad, shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a high karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water source is within a 0.50-mile radius of the location. The nearest identified well is approximately 0.82 miles Southwest of the site in S24, T26S, R25E and was drilled in 2017. The well has a reported depth to groundwater of 12.0' feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

4.0 Site Assessment Activities

On December 1, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. To assess the vertical and horizontal extent, eight (8) sample points (S-1 through S-8) and ten (10) horizontal samples (H-1 through H-10) were advanced to depths ranging from the surface to 5.0' bgs inside the release area. See Figure 3 for the sample locations. For chemical analysis, the soil samples were



collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to 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.

Vertical delineation was not achieved for sample point S-5 but was achieved for S-1 through S-4 and S-6, S-7, and S-8. Horizontal delineation was achieved for the areas of H-1 through H-6.

See Table 1 for the analytical results.

5.0 Remediation Activities

Carmona Resources personnel supervised the remediation activities and collected confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via email on January 20, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of S-1, S-3, S-6, and S-7 were excavated to a depth of 2.0' below the surface; the areas of S-2 and S-4 were excavated to a depth of 1.5' below the surface; the area of S-5 was excavated to a depth of 6.0' below the surface; and the area of S-8 was excavated to a depth of 3.0' below the surface to remove all the impacted soils. A total of twenty-seven (27) floor confirmation samples were collected (CS-1 through CS-27), and twenty-seven (27) sidewall samples (SW-1 through SW-27) were collected every 200 square feet to ensure the proper removal of the contaminated soils. Floor confirmation sample CS-16 showed a total TPH concentration above the allowable limit at 103 mg/kg. The area of CS-16 was excavated to a total depth of 2.25' bgs and recollected. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

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

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 380 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. The final C-141 is attached, and COG formally requests closure of the spill. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

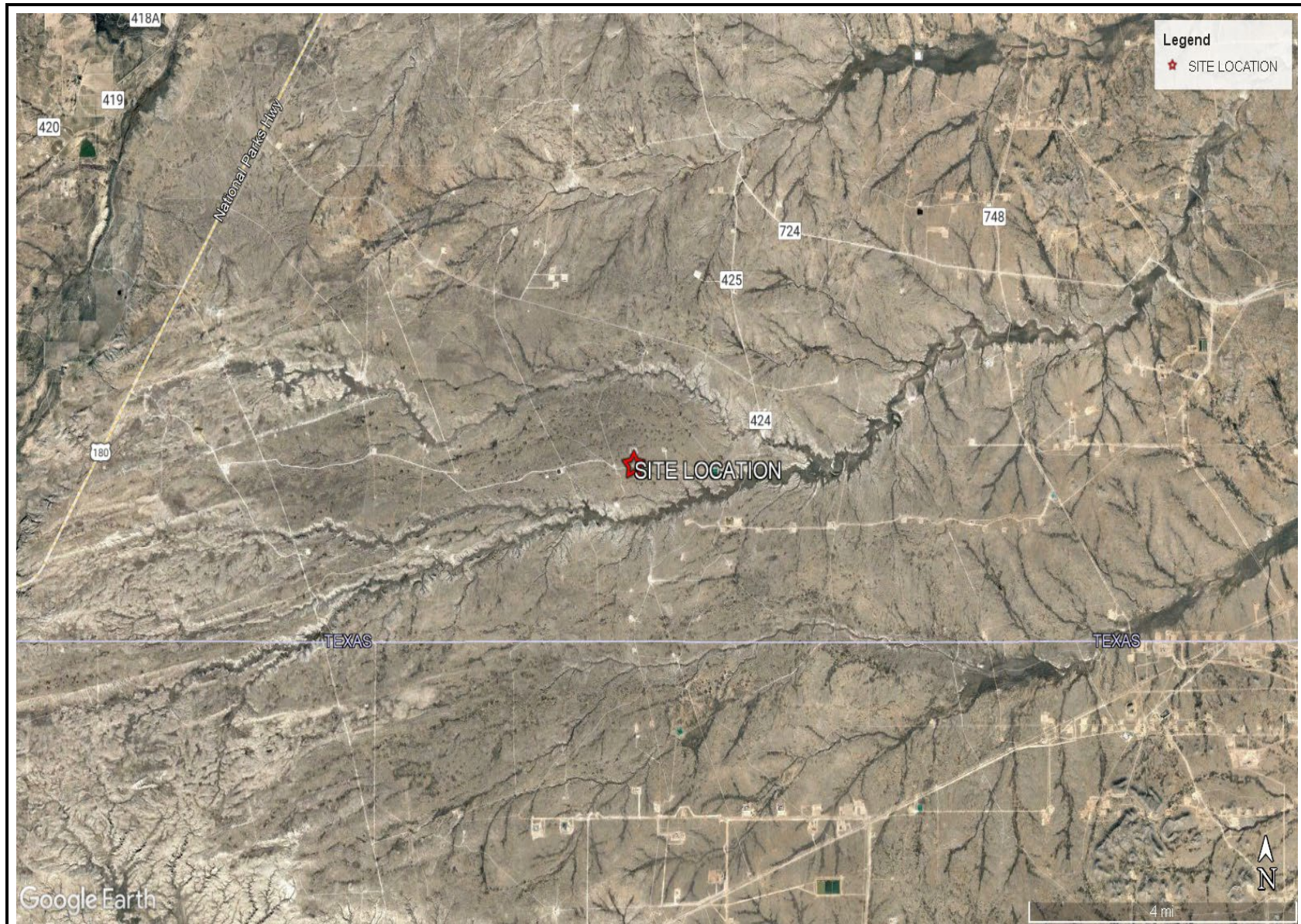
Mike Carmona
Environmental Manager

Clinton Merritt
Sr. Project Manager

FIGURES

CARMONA RESOURCES

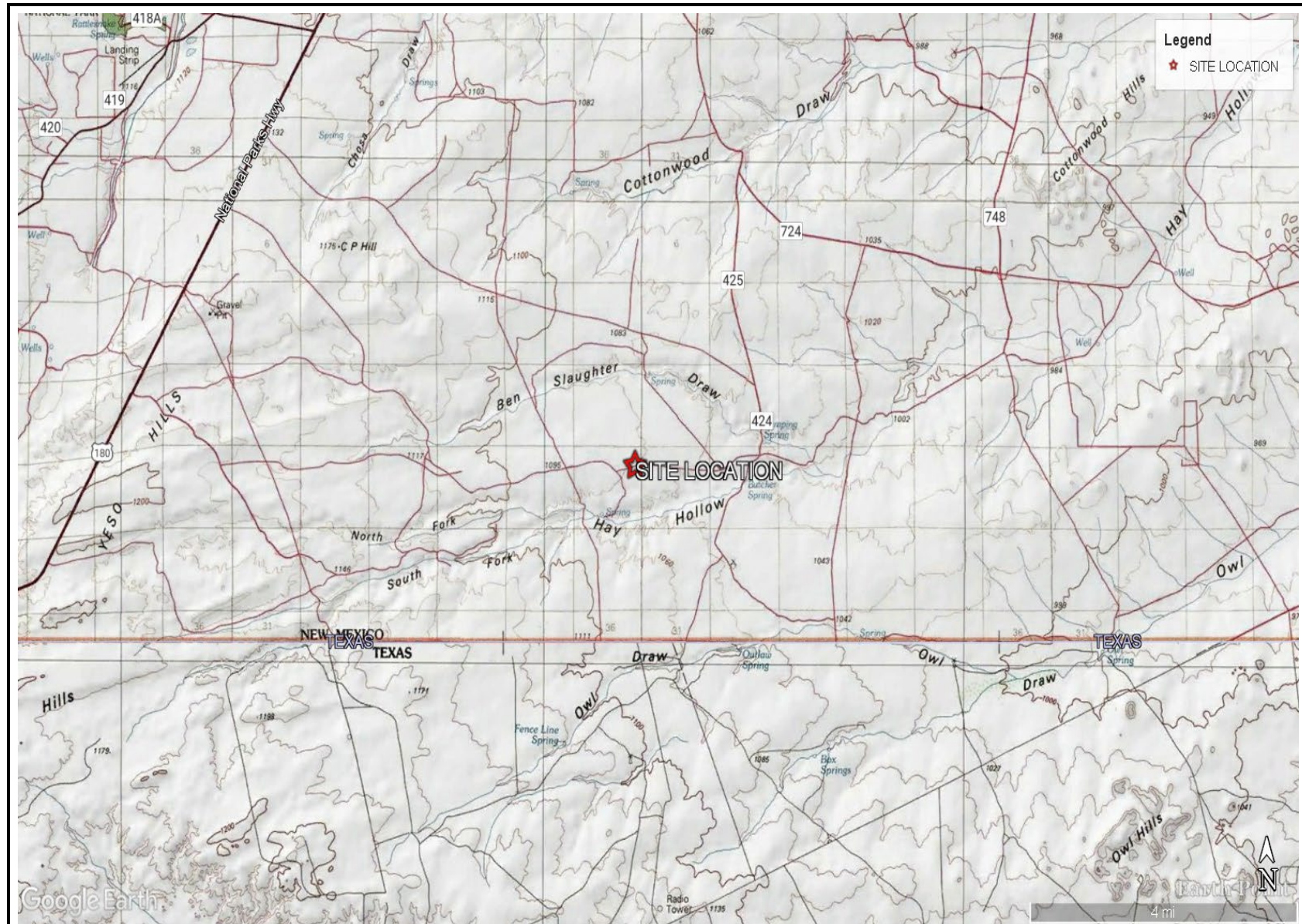




OVERVIEW MAP
COG OPERATING, LLC
CALI ROLL FEDERAL COM 002H (11.01.22)
EDDY COUNTY, NEW MEXICO
32.0316°, -104.3393°



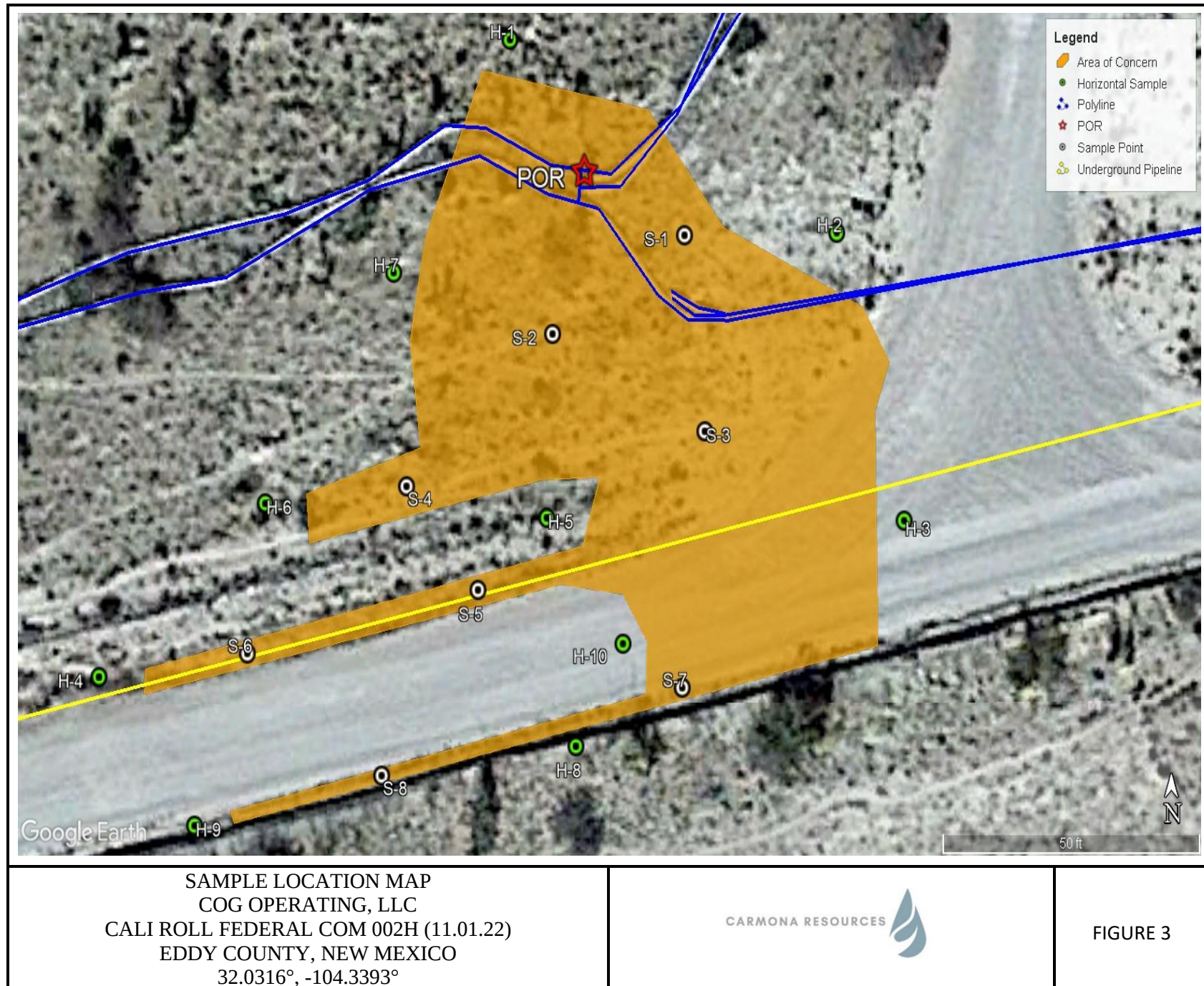
FIGURE 1

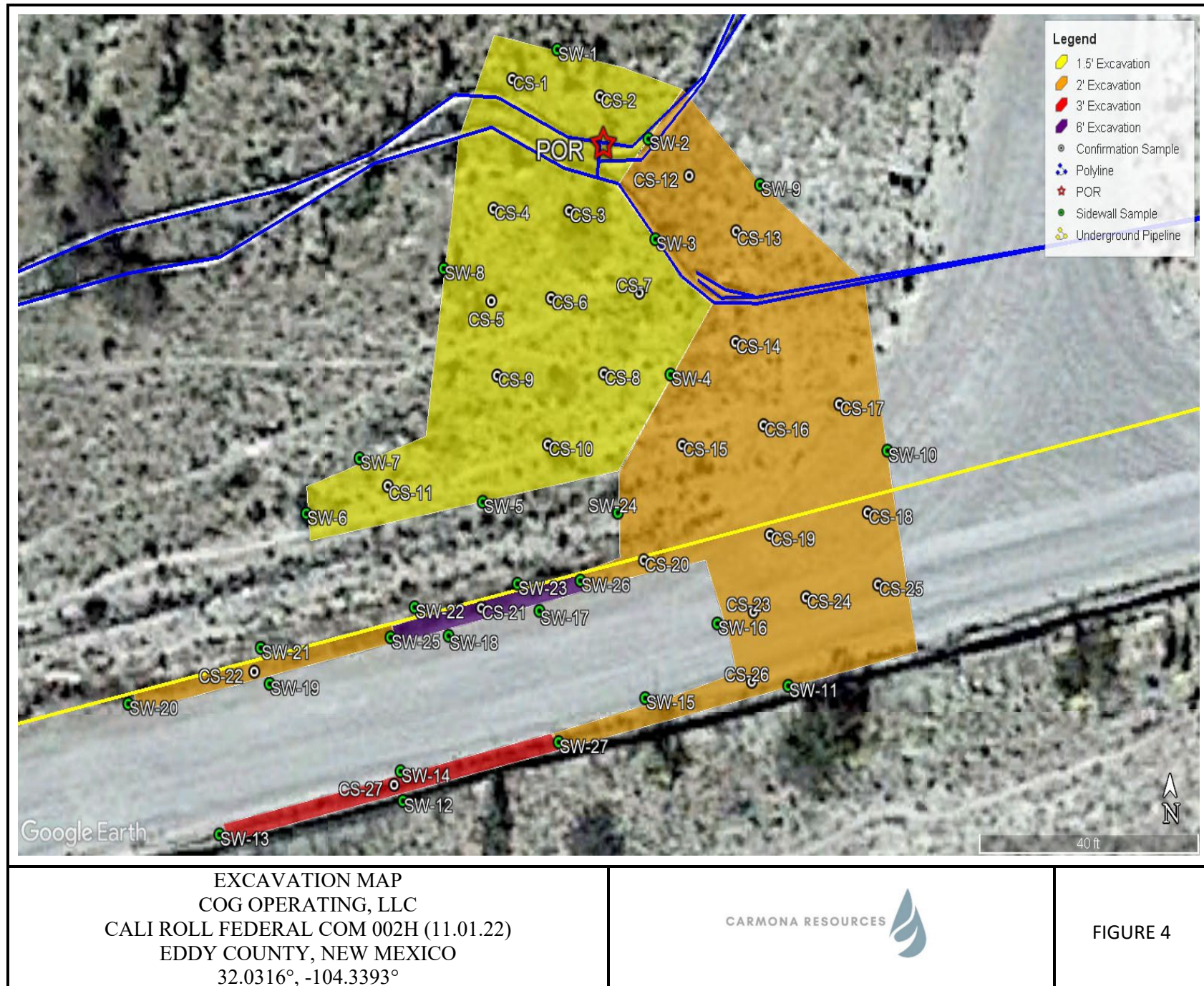


TOPOGRAPHIC MAP
 COG OPERATING, LLC
 CALI ROLL FEDERAL COM 002H (11.01.22)
 EDDY COUNTY, NEW MEXICO
 32.0316°, -104.3393°



FIGURE 2





APPENDIX A

CARMONA RESOURCES



Table 1
COG
Cali Roll 24 Fed Com 2H (11.01.22)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)	
			GRO	DRO	MRO	Total							
S-1	12/1/2022	0-1	<50.0	61.0	<50.0	61.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,200	
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6,120	
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	22.6	
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	22.3	
	"	4	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	30.1	
S-2	12/1/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5,940	
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	255	
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	30.5	
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	408	
	"	4	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	37.0	
S-3	12/1/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	762	
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,900	
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	438	
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	46.4	
	"	4	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	30.8	
S-4	12/1/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,800	
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	23.1	
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	18.6	
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	48.2	
	"	4	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	19.3	
S-5	12/1/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,070	
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,560	
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,850	
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,820	
	"	4	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	331	
	"	5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	644	
S-6	12/1/2022	0-1	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	429	
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,260	
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	112	
S-7	12/1/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,830	
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	622	
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	588	
S-8	12/1/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	616	
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	7,170	
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,010	
	"	3	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	225	
Regulatory Criteria ^A							100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft - feet

(S) - Sample Point

 Removed

Table 1
COG
Cali Roll 24 Fed Com 2H (11.01.22)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	12/1/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	141
H-2	12/1/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12.4
H-3	12/1/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	184
H-4	12/1/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	13.8
H-5	12/1/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	126
H-6	12/1/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	13.6
H-7	12/1/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	25.5
H-8	12/1/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	18.7
H-9	12/1/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	17.3
H-6	12/1/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	142
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft - feet

(H) - Horizontal

Table 2
COG
Cali Roll 24 Fed Com 2H (11.01.22)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	1/24/2023	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	5.05
CS-2	1/24/2023	1.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	11.1
CS-3	1/24/2023	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<4.97
CS-4	1/24/2023	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.05
CS-5	1/24/2023	1.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<4.99
CS-6	1/24/2023	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.01
CS-7	1/24/2023	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.00
CS-8	1/24/2023	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.02
CS-9	1/24/2023	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.01
CS-10	1/25/2023	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<5.00
CS-11	1/25/2023	1.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<5.00
CS-12	1/25/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<5.02
CS-13	1/25/2023	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.00
CS-14	1/25/2023	2.0	<50.0	72.2	<50.0	72.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.98
CS-15	1/25/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.95
CS-16	1/25/2023	2.0	<49.9	103	<49.9	103	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.00
	2/2/2023	2.25	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.03
CS-17	1/25/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.99
CS-18	1/25/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.01
CS-19	1/25/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<4.97
CS-20	1/25/2023	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<4.98
CS-21	1/25/2023	6.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.03
CS-22	1/25/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.3
CS-23	1/25/2023	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.97
CS-24	1/25/2023	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.05
CS-25	1/25/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.99
CS-26	1/25/2023	2.0	<49.9	<49.9	<49.9	<49.9	0.0022	<0.00200	<0.00200	<0.00399	0.00421	<5.01
CS-27	1/25/2023	3.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<5.00
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

 Removed

Table 2
COG
Cali Roll 24 Fed Com 2H (11.01.22)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	1/24/2023	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	5.18
SW-2	1/24/2023	0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.01
SW-3	1/24/2023	0.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<5.00
SW-4	1/24/2023	0.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<5.00
SW-5	1/24/2023	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.04
SW-6	1/24/2023	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.00
SW-7	1/24/2023	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<4.98
SW-8	1/24/2023	1.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<4.99
SW-9	1/25/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.00
SW-10	1/25/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<4.99
SW-11	1/25/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.01
SW-12	1/25/2023	3.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.97
SW-13	1/25/2023	3.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<4.98
SW-14	1/25/2023	3.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	85.9
SW-15	1/25/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	94.5
SW-16	1/25/2023	2.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	115
SW-17	1/25/2023	6.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	157
SW-18	1/25/2023	6.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	60.5
SW-19	1/25/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	132
SW-20	1/25/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	122
SW-21	1/25/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	132
SW-22	1/25/2023	6.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	155
SW-23	1/25/2023	6.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<5.00
SW-24	1/25/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	79.9
SW-25	1/25/2023	4.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<5.02
SW-26	1/25/2023	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.00
SW-27	1/25/2023	1.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.98
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons
ft-feet

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 1

Facility: Cali Roll Federal Com 002H
(11.02.22)

County: Eddy County, New Mexico

Description:

View Northeast, area of confirmation samples (1-2).



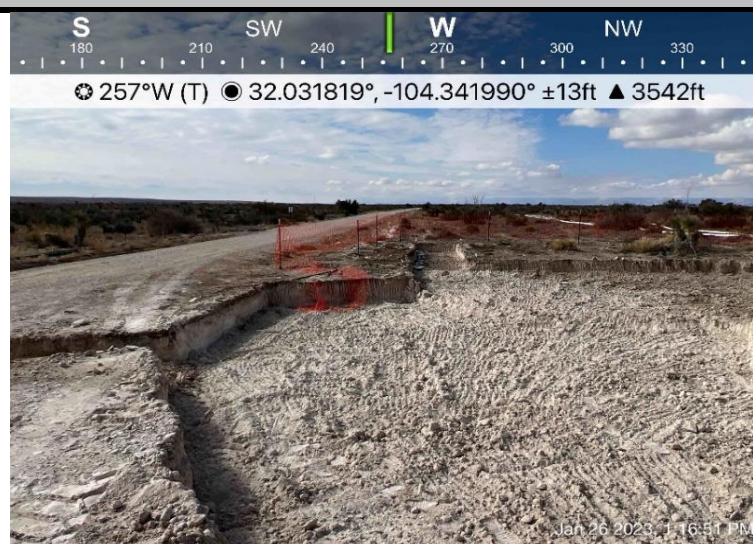
Photograph No. 2

Facility: Cali Roll Federal Com 002H
(11.02.22)

County: Eddy County, New Mexico

Description:

View West, area of confirmation samples (3-20).



Photograph No. 3

Facility: Cali Roll Federal Com 002H
(11.02.22)

County: Eddy County, New Mexico

Description:

View East, area of confirmation samples (21-22).



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 4

Facility: Cali Roll Federal Com 002H
(11.02.22)

County: Eddy County, New Mexico

Description:

View East, area of confirmation samples (23-25).



Photograph No. 5

Facility: Cali Roll Federal Com 002H
(11.02.22)

County: Eddy County, New Mexico

Description:

View Southwest, area of confirmation samples
(26-27).



APPENDIX C

CARMONA RESOURCES



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

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

☐ The source of the release has been stopped.	
☐ The impacted area has been secured to protect human health and the environment.	
☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
☐ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: _____	Title: _____
Signature: <u>Patricia Espinoza</u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>11/14/2022</u>

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☐ No

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

Characterization Report Checklist: Each of the following items must be included in the report.

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Jocelyn Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 02/20/2023

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: Jacqueline Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 02/20/2023

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: Jennifer Nobui Date: _____

Printed Name: _____ Title: _____

From: Enviro, OCD, EMNRD
Sent: Friday, January 20, 2023 12:01 PM
To: Mike Carmona
Cc: Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD
Subject: RE: [EXTERNAL] COG Cali Roll Federal Com 002H (11.01.22)48-Hour Sampling Notification-Incident No- NAPP2231537638

Mike,

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

JH

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



From: Mike Carmona <Mcarmona@carmonaresources.com>
Sent: Friday, January 20, 2023 7:35 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Harris, Jacqui <Jacqui.Harris@conocophillips.com>; Conner Moehring <Cmoehring@carmonaresources.com>
Subject: [EXTERNAL] COG Cali Roll Federal Com 002H (11.01.22)48-Hour Sampling Notification-Incident No- NAPP2231537638

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

Good Morning,

On behalf of COG, Carmona Resources will collect confirmation samples for the below-referenced site on 01/24/23 around 4:00 p.m. Mountain Time. Please let me know if you have any questions.

Cali Roll Federal Com 002H (11.01.22)
Incident No- NAPP2231537638

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

CARMONA RESOURCES



APPENDIX D

CARMONA RESOURCES

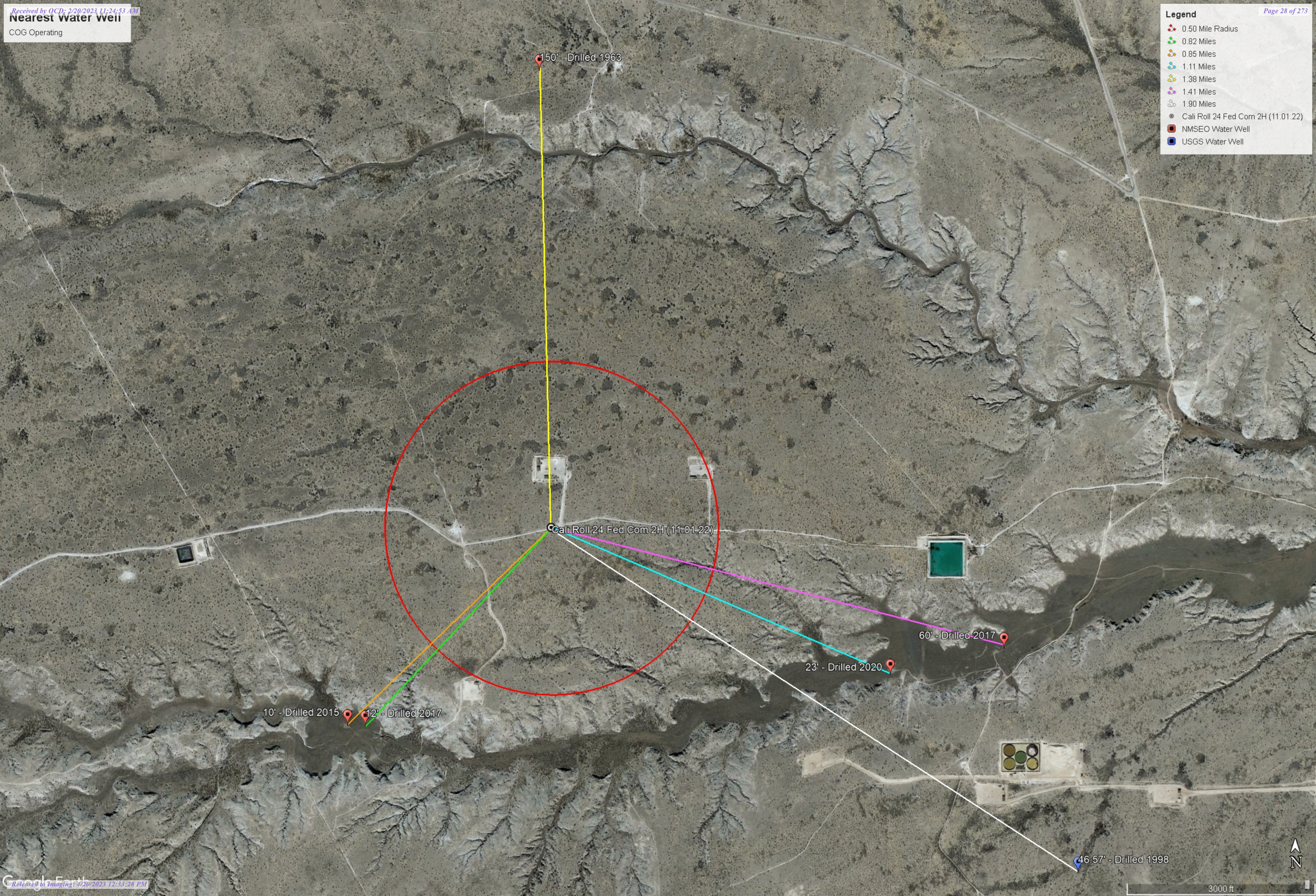


Nearest water well

COG Operating

Legend

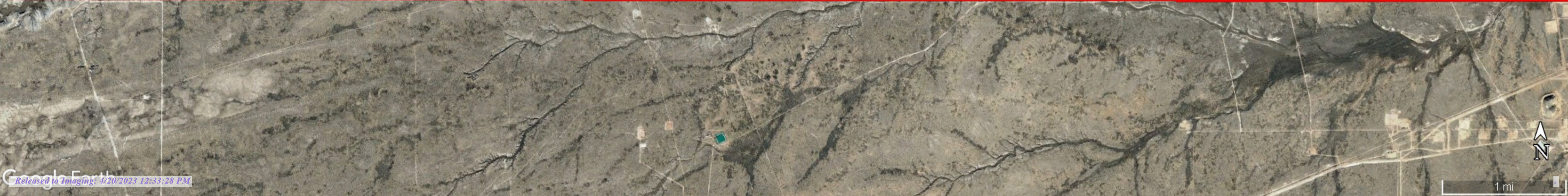
- 0.50 Mile Radius
- 0.82 Miles
- 0.85 Miles
- 1.11 Miles
- 1.38 Miles
- 1.41 Miles
- 1.90 Miles
- Cali Roll 24 Fed Com 2H (11.01.22)
- NMSEO Water Well
- USGS Water Well



Legend

- Cali Roll 24 Fed Com 2H (11.01.22)
- High
- Low
- Medium

Cali Roll 24 Fed Com 2H (11.01.22)





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	County	Q Q Q							X	Y	Distance	Depth Well	Depth Water	Water Column
	Sub-Code		basin	64	16	4	Sec	Tws	Rng						
C 04047 POD1	CUB	ED	1	4	3	24	26S	25E	561202	3543172		1322	100	12	88
C 03816 POD1	C	ED	1	4	3	24	26S	25E	561116	3543177		1378	80	10	70
C 03811 POD1	C	ED	4	1	4	19	26S	26E	563746	3543436		1790	75	23	52
C 01351	CUB	ED	4	2	4	19	26S	26E	563772	3543411*		1824	25		
C 02790	CUB	ED	3	2	1	25	26S	25E	561146	3542586*		1826	100		
C 03810 POD1	C	ED	3	1	3	20	26S	26E	563896	3543406		1939	100	15	85
C 01351 X-2	CUB	ED	3	1	3	20	26S	26E	563978	3543413*		2013	25		
C 02366	CUB	ED		4	4	12	26S	25E	562027	3546345*		2203	80	150	-70
C 04041 POD1	C	ED	2	1	3	20	26S	26E	564281	3543559		2257	100	60	40
C 04046 POD1	CUB	ED	1	2	3	20	26S	26E	564437	3543647		2387	140	100	40
C 04270 POD1	CUB	ED	3	4	3	20	26S	26E	564288	3543019		2458	90	76	14
C 01351 X	CUB	ED	4	4	1	20	26S	26E	564581	3543822*		2500	25		
C 04270 POD4	CUB	ED	3	4	3	20	26S	26E	564327	3542970		2516	75		
C 03812 POD1	C	ED	4	4	1	20	26S	26E	564641	3543737		2572	96	15	81
C 04270 POD3	CUB	ED	3	4	3	20	26S	26E	564484	3543072		2612	50	42	8
C 01924	C	ED	3	2	4	26	26S	25E	560338	3541769*		2956			
C 04048 POD1	CUB	ED	2	3	2	20	26S	26E	565061	3543969		2965	140	80	60
C 02791	CUB	ED		4	4	17	26S	26E	565288	3544739*		3242	100		
C 02370	CUB	ED		1	1	36	26S	25E	560846	3541060*		3328	60	7	53
C 04170 POD1	CUB	ED	4	4	2	20	26S	26E	565478	3543926		3383	136	12	124
C 02407	C	ED	1	4	1	08	26S	26E	564347	3547268*		3848	160	22	138

*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.

Average Depth to Water: 44 feet
Minimum Depth: 7 feet
Maximum Depth: 150 feet

Record Count: 21

UTMNAD83 Radius Search (in meters):

Easting (X): 562100.96 Northing (Y): 3544142.67 Radius: 4000



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	Tw	Rng	X	Y
	C 04047 POD1	1	4	3	24	26S	25E	561202	3543172 
Driller License: 1690		Driller Company:				VISION RESOURCES, INC			
Driller Name:		JASON MALEY							
Drill Start Date: 06/14/2017		Drill Finish Date:				06/15/2017		Plug Date:	
Log File Date: 06/26/2017		PCW Rev Date:						Source: Shallow	
Pump Type:		Pipe Discharge Size:						Estimated Yield: 200 GPM	
Casing Size: 6.00		Depth Well:				100 feet		Depth Water: 12 feet	
X		Water Bearing Stratifications:				Top	Bottom	Description	
						10	65	Other/Unknown	
X		Casing Perforations:				Top	Bottom		
						20	100		

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.

11/22/22 5:50 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	Tw	Rng	X	Y				
C	03816 POD1	1	4	3	24	26S	25E	561116	3543177				
Driller License: 1690		Driller Company:		VISION RESOURCES, INC									
Driller Name: MALEY, JASON													
Drill Start Date: 06/19/2015		Drill Finish Date:		06/19/2015				Plug Date:					
Log File Date: 06/29/2015		PCW Rcv Date:						Source:				Shallow	
Pump Type:		Pipe Discharge Size:						Estimated Yield:					
Casing Size: 6.00		Depth Well:		80 feet				Depth Water:				10 feet	
Water Bearing Stratifications:		Top	Bottom	Description									
		10	70	Other/Unknown									
Casing Perforations:		Top	Bottom										
		20	80										

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.



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	Tw	Rng	X	Y
22386	C 03811 POD1	4	1	4	19	26S	26E	563746	3543436

Driller License: 1690

Driller Company: VISION RESOURCES, INC

Driller Name: JASON MALEY

Drill Start Date: 05/18/2020

Drill Finish Date: 05/19/2020

Plug Date:

Log File Date: 06/08/2020

PCW Rev Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield: 100 GPM

Casing Size: 6.00

Depth Well: 75 feet

Depth Water: 23 feet

Water Bearing Stratifications:

Top Bottom Description

15 75 Sandstone/Gravel/Conglomerate

Casing Perforations:

Top Bottom

20 75

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.



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)	
		(quarters are smallest to largest)				X	Y
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng
	C 02366	4	4	12	26S	25E	562027 3546345*
Driller License:		Driller Company:					
Driller Name:		UNKNOWN					
Drill Start Date:		Drill Finish Date:		04/05/1963		Plug Date:	
Log File Date:		PCW Rev Date:				Source:	
Pump Type:		Pipe Discharge Size:				Estimated Yield:	25 GPM
Casing Size:	4.00	Depth Well:		80 feet		Depth Water:	150 feet

*UTM location was derived from PLSS - see Help

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11/22/22 5:57 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	Tw	Rng	X	Y
NA	C 04041 POD1	2	1	3	20	26S	26E	564281	3543559

Driller License: 1690

Driller Company: VISION RESOURCES, INC

Driller Name: JASON MALEY

Drill Start Date: 06/12/2017

Drill Finish Date: 06/13/2017

Plug Date:

Log File Date: 06/26/2017

PCW Rev Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield: 300 GPM

Casing Size: 6.00

Depth Well: 100 feet

Depth Water: 60 feet

Water Bearing Stratifications:

Top Bottom Description

60 100 Other/Unknown

Casing Perforations:

Top Bottom

40 100

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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National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

New Mexico

GO

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Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 320100104185501

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 320100104185501 26S.26E.29.143432

Eddy County, New Mexico

Latitude 32°01'00", Longitude 104°18'55" NAD27

Land-surface elevation 3,453 feet above NAVD88

The depth of the well is 88.0 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1983-02-17			D 62610		3415.88	NGVD29	1		Z	
1983-02-17			D 62611		3417.58	NAVD88	1		Z	
1983-02-17			D 72019	35.42			1		Z	
1987-10-08			D 62610		3415.05	NGVD29	1		Z	
1987-10-08			D 62611		3416.75	NAVD88	1		Z	
1987-10-08			D 72019	36.25			1		Z	
1988-04-21			D 62610		3412.53	NGVD29	1		Z	
1988-04-21			D 62611		3414.23	NAVD88	1		Z	
1988-04-21			D 72019	38.77			1		Z	
1992-11-19			D 62610		3410.35	NGVD29	P		S	
1992-11-19			D 62611		3412.05	NAVD88	P		S	
1992-11-19			D 72019	40.95			P		S	
1998-01-08			D 62610		3404.73	NGVD29	1		S	
1998-01-08			D 62611		3406.43	NAVD88	1		S	
1998-01-08			D 72019	46.57			1		S	

Explanation

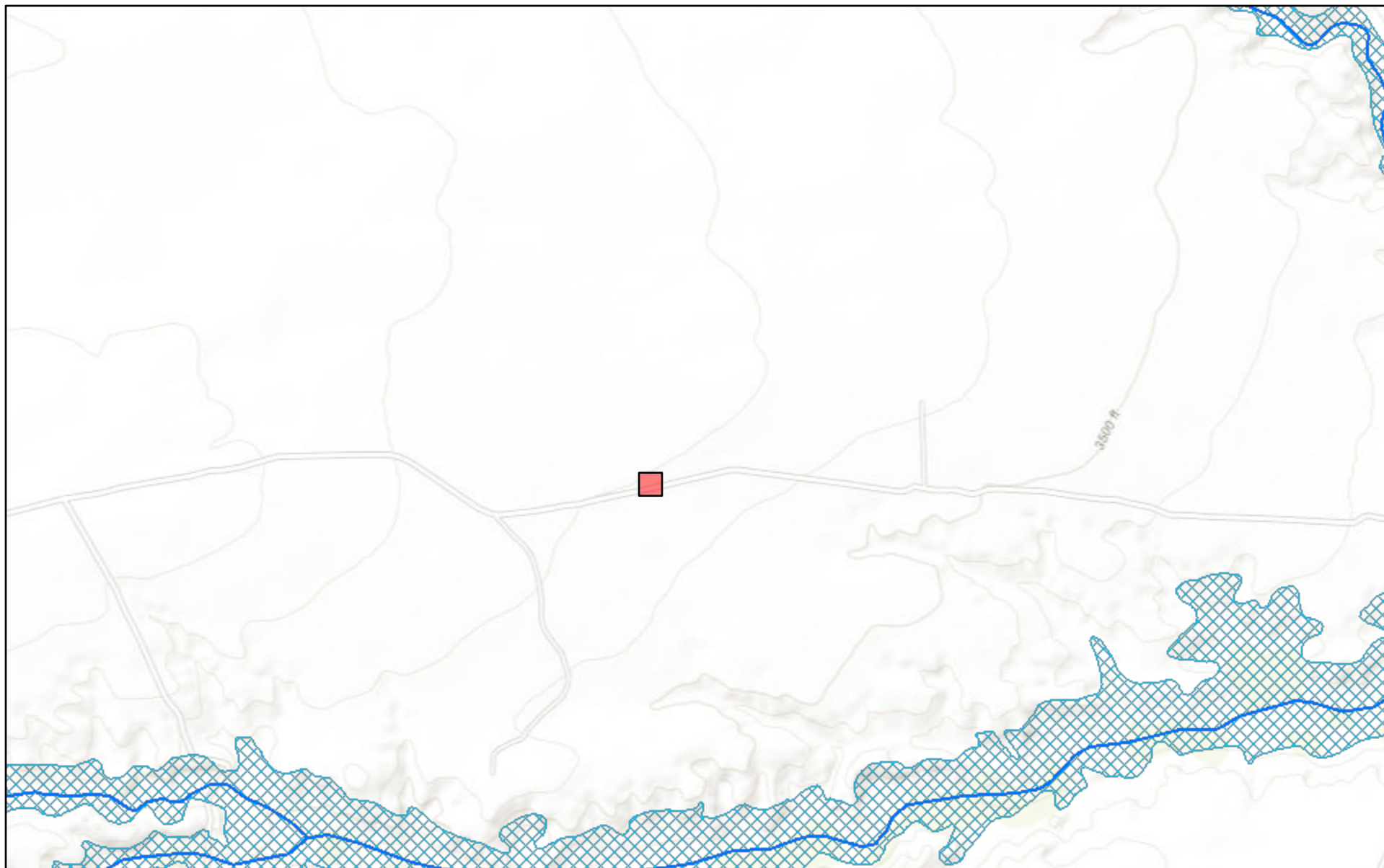
Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum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

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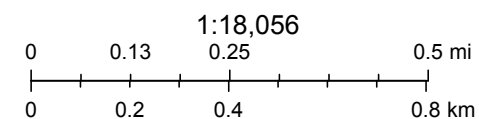
Page Last Modified: 2022-11-22 20:04:04 EST

0.27 0.23 nadww02

New Mexico NFHL Data



November 22, 2022



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 415
Midland, Texas 79701

Generated 12/6/2022 9:50:03 AM

JOB DESCRIPTION

Cali Roll 24 Fed Com 2H (11.01.22)
SDG NUMBER Eddy County, New Mexico

JOB NUMBER

880-22209-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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
12/6/2022 9:50:03 AM

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

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Laboratory Job ID: 880-22209-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources

Job ID: 880-22209-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

Qualifiers

GC 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, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22209-1
SDG: Eddy County, New Mexico

Job ID: 880-22209-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-22209-1****Receipt**

The samples were received on 12/2/2022 10:32 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 0.6°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-22209-1), H-2 (0-0.5') (880-22209-2), H-3 (0-0.5') (880-22209-3), H-4 (0-0.5') (880-22209-4), H-5 (0-0.5') (880-22209-5), H-6 (0-0.5') (880-22209-6), H-7 (0-0.5') (880-22209-7), H-8 (0-0.5') (880-22209-8), H-9 (0-0.5') (880-22209-9) and H-10 (0-0.5') (880-22209-10).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-40900 and analytical batch 880-40979 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.

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-40946 and analytical batch 880-40965 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-40946/2-A) and (LCSD 880-40946/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H-6 (0-0.5') (880-22209-6) and (880-22209-A-6-D MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: H-7 (0-0.5') (880-22209-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

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

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22209-1
SDG: Eddy County, New Mexico

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-22209-1

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:06	12/05/22 05:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:06	12/05/22 05:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:06	12/05/22 05:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/22 13:06	12/05/22 05:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:06	12/05/22 05:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/22 13:06	12/05/22 05:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	12/02/22 13:06	12/05/22 05:48	1
1,4-Difluorobenzene (Surr)	84		70 - 130	12/02/22 13:06	12/05/22 05:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/05/22 13:56	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			12/06/22 09:30	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		12/02/22 15:34	12/06/22 02:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/22 15:34	12/06/22 02:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/22 15:34	12/06/22 02:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	12/02/22 15:34	12/06/22 02:36	1
o-Terphenyl	109		70 - 130	12/02/22 15:34	12/06/22 02:36	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		5.03		mg/Kg			12/06/22 06:32	1

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-22209-2

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:06	12/05/22 06:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:06	12/05/22 06:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:06	12/05/22 06:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/22 13:06	12/05/22 06:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:06	12/05/22 06:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/22 13:06	12/05/22 06:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	12/02/22 13:06	12/05/22 06:09	1
1,4-Difluorobenzene (Surr)	98		70 - 130	12/02/22 13:06	12/05/22 06:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22209-1
SDG: Eddy County, New Mexico

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-22209-2

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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			12/05/22 13:56	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			12/06/22 09:30	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		12/02/22 15:34	12/06/22 02:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/22 15:34	12/06/22 02:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/22 15:34	12/06/22 02:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				12/02/22 15:34	12/06/22 02:56	1
o-Terphenyl	123		70 - 130				12/02/22 15:34	12/06/22 02:56	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.4		5.00		mg/Kg			12/06/22 06:52	1

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

Lab Sample ID: 880-22209-3

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:06	12/05/22 06:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 06:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 06:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/02/22 13:06	12/05/22 06:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 06:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/02/22 13:06	12/05/22 06:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				12/02/22 13:06	12/05/22 06:29	1
1,4-Difluorobenzene (Surr)	77		70 - 130				12/02/22 13:06	12/05/22 06:29	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			12/05/22 13:56	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			12/06/22 09:30	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		12/02/22 15:34	12/06/22 03:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/22 15:34	12/06/22 03:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22209-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22209-3

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 15:34	12/06/22 03:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				12/02/22 15:34	12/06/22 03:16	1
o-Terphenyl	115		70 - 130				12/02/22 15:34	12/06/22 03:16	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	184		4.97		mg/Kg			12/06/22 06:58	1

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

Lab Sample ID: 880-22209-4

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:06	12/05/22 06:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/02/22 13:06	12/05/22 06:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/02/22 13:06	12/05/22 06:50	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/02/22 13:06	12/05/22 06:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/02/22 13:06	12/05/22 06:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/02/22 13:06	12/05/22 06:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				12/02/22 13:06	12/05/22 06:50	1
1,4-Difluorobenzene (Surr)	82		70 - 130				12/02/22 13:06	12/05/22 06:50	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			12/05/22 13:56	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			12/06/22 09:30	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		12/02/22 15:34	12/06/22 03:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/22 15:34	12/06/22 03:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/22 15:34	12/06/22 03:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				12/02/22 15:34	12/06/22 03:36	1
o-Terphenyl	113		70 - 130				12/02/22 15:34	12/06/22 03:36	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.8		5.05		mg/Kg			12/06/22 07:05	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22209-1
SDG: Eddy County, New Mexico

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-22209-5

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:06	12/05/22 07:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 07:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 07:10	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/02/22 13:06	12/05/22 07:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 07:10	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/02/22 13:06	12/05/22 07:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	12/02/22 13:06	12/05/22 07:10	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/02/22 13:06	12/05/22 07:10	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			12/05/22 13:56	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			12/06/22 09:30	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		12/02/22 15:34	12/06/22 03:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/22 15:34	12/06/22 03:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/22 15:34	12/06/22 03:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	12/02/22 15:34	12/06/22 03:56	1
o-Terphenyl	116		70 - 130	12/02/22 15:34	12/06/22 03:56	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		4.99		mg/Kg			12/06/22 07:12	1

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-22209-6

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:06	12/05/22 07:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:06	12/05/22 07:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:06	12/05/22 07:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/22 13:06	12/05/22 07:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:06	12/05/22 07:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/22 13:06	12/05/22 07:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	12/02/22 13:06	12/05/22 07:31	1
1,4-Difluorobenzene (Surr)	82		70 - 130	12/02/22 13:06	12/05/22 07:31	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22209-1
SDG: Eddy County, New Mexico

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-22209-6

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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			12/05/22 13:56	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			12/05/22 12:48	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		12/03/22 11:09	12/03/22 17:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/03/22 11:09	12/03/22 17:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/03/22 11:09	12/03/22 17:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				12/03/22 11:09	12/03/22 17:56	1
o-Terphenyl	132	S1+	70 - 130				12/03/22 11:09	12/03/22 17:56	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.6		5.01		mg/Kg			12/06/22 07:32	1

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-22209-7

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:06	12/05/22 07:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:06	12/05/22 07:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:06	12/05/22 07:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/22 13:06	12/05/22 07:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:06	12/05/22 07:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/22 13:06	12/05/22 07:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				12/02/22 13:06	12/05/22 07:51	1
1,4-Difluorobenzene (Surr)	109		70 - 130				12/02/22 13:06	12/05/22 07:51	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			12/05/22 13:56	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			12/05/22 12:48	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		12/03/22 11:09	12/03/22 19:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/03/22 11:09	12/03/22 19:04	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22209-1
SDG: Eddy County, New Mexico

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-22209-7

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/03/22 11:09	12/03/22 19:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130				12/03/22 11:09	12/03/22 19:04	1
o-Terphenyl	150	S1+	70 - 130				12/03/22 11:09	12/03/22 19:04	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.5		5.00		mg/Kg			12/06/22 07:38	1

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-22209-8

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:06	12/05/22 09:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 09:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 09:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/02/22 13:06	12/05/22 09:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 09:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/02/22 13:06	12/05/22 09:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				12/02/22 13:06	12/05/22 09:15	1
1,4-Difluorobenzene (Surr)	100		70 - 130				12/02/22 13:06	12/05/22 09:15	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			12/05/22 13:56	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			12/05/22 12:48	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		12/03/22 11:09	12/03/22 19:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/03/22 11:09	12/03/22 19:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/03/22 11:09	12/03/22 19:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				12/03/22 11:09	12/03/22 19:27	1
o-Terphenyl	129		70 - 130				12/03/22 11:09	12/03/22 19:27	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.7		5.02		mg/Kg			12/06/22 07:45	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22209-1
SDG: Eddy County, New Mexico

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 880-22209-9

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:06	12/05/22 09:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/02/22 13:06	12/05/22 09:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/02/22 13:06	12/05/22 09:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/02/22 13:06	12/05/22 09:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/02/22 13:06	12/05/22 09:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/02/22 13:06	12/05/22 09:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	12/02/22 13:06	12/05/22 09:35	1
1,4-Difluorobenzene (Surr)	106		70 - 130	12/02/22 13:06	12/05/22 09:35	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			12/05/22 13:56	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			12/05/22 12:48	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		12/03/22 11:09	12/03/22 19:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/03/22 11:09	12/03/22 19:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/03/22 11:09	12/03/22 19:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	12/03/22 11:09	12/03/22 19:50	1
o-Terphenyl	127		70 - 130	12/03/22 11:09	12/03/22 19:50	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.3		5.01		mg/Kg			12/06/22 07:51	1

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

Lab Sample ID: 880-22209-10

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:06	12/05/22 09:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:06	12/05/22 09:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:06	12/05/22 09:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/22 13:06	12/05/22 09:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:06	12/05/22 09:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/22 13:06	12/05/22 09:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	12/02/22 13:06	12/05/22 09:56	1
1,4-Difluorobenzene (Surr)	99		70 - 130	12/02/22 13:06	12/05/22 09:56	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22209-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22209-10

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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			12/05/22 13:56	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			12/05/22 12:48	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		12/03/22 11:09	12/03/22 20:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/03/22 11:09	12/03/22 20:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/03/22 11:09	12/03/22 20:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				12/03/22 11:09	12/03/22 20:13	1
o-Terphenyl	110		70 - 130				12/03/22 11:09	12/03/22 20:13	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	142		5.00		mg/Kg			12/06/22 07:58	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22209-1
SDG: Eddy 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)						
880-22209-1	H-1 (0-0.5')	119	84						
880-22209-2	H-2 (0-0.5')	121	98						
880-22209-3	H-3 (0-0.5')	95	77						
880-22209-4	H-4 (0-0.5')	92	82						
880-22209-5	H-5 (0-0.5')	113	95						
880-22209-6	H-6 (0-0.5')	92	82						
880-22209-7	H-7 (0-0.5')	102	109						
880-22209-8	H-8 (0-0.5')	95	100						
880-22209-9	H-9 (0-0.5')	99	106						
880-22209-10	H-10 (0-0.5')	114	99						
880-22216-A-1-A MS	Matrix Spike	136 S1+	91						
880-22216-A-1-B MSD	Matrix Spike Duplicate	112	105						
LCS 880-40900/1-A	Lab Control Sample	103	109						
LCSD 880-40900/2-A	Lab Control Sample Dup	95	108						
MB 880-40587/5-A	Method Blank	84	103						
MB 880-40900/5-A	Method Blank	92	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)				
880-21965-A-1-F MS	Matrix Spike	111	108				
880-21965-A-1-G MSD	Matrix Spike Duplicate	115	109				
880-22209-1	H-1 (0-0.5')	106	109				
880-22209-2	H-2 (0-0.5')	118	123				
880-22209-3	H-3 (0-0.5')	115	115				
880-22209-4	H-4 (0-0.5')	109	113				
880-22209-5	H-5 (0-0.5')	111	116				
880-22209-6	H-6 (0-0.5')	114	132 S1+				
880-22209-6 MS	H-6 (0-0.5')	134 S1+	118				
880-22209-6 MSD	H-6 (0-0.5')	120	121				
880-22209-7	H-7 (0-0.5')	141 S1+	150 S1+				
880-22209-8	H-8 (0-0.5')	121	129				
880-22209-9	H-9 (0-0.5')	111	127				
880-22209-10	H-10 (0-0.5')	111	110				
LCS 880-40909/2-A	Lab Control Sample	108	110				
LCS 880-40946/2-A	Lab Control Sample	158 S1+	178 S1+				
LCSD 880-40909/3-A	Lab Control Sample Dup	98	100				
LCSD 880-40946/3-A	Lab Control Sample Dup	146 S1+	153 S1+				
MB 880-40909/1-A	Method Blank	95	105				
MB 880-40946/1-A	Method Blank	193 S1+	218 S1+				
Surrogate Legend							
1CO = 1-Chlorooctane							
OTPH = o-Terphenyl							

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QC Sample Results

Client: Carmona Resources

Job ID: 880-22209-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-40587/5-A

Matrix: Solid

Analysis Batch: 40979

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 40587

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/29/22 09:59	12/04/22 17:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/29/22 09:59	12/04/22 17:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/29/22 09:59	12/04/22 17:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/29/22 09:59	12/04/22 17:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/29/22 09:59	12/04/22 17:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/29/22 09:59	12/04/22 17:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	11/29/22 09:59	12/04/22 17:50	1
1,4-Difluorobenzene (Surr)	103		70 - 130	11/29/22 09:59	12/04/22 17:50	1

Lab Sample ID: MB 880-40900/5-A

Matrix: Solid

Analysis Batch: 40979

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 40900

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 04:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 04:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 04:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/02/22 13:06	12/05/22 04:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 04:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/02/22 13:06	12/05/22 04:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	12/02/22 13:06	12/05/22 04:26	1
1,4-Difluorobenzene (Surr)	99		70 - 130	12/02/22 13:06	12/05/22 04:26	1

Lab Sample ID: LCS 880-40900/1-A

Matrix: Solid

Analysis Batch: 40979

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 40900

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09916		mg/Kg		99	70 - 130
Toluene	0.100	0.08636		mg/Kg		86	70 - 130
Ethylbenzene	0.100	0.08682		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.1797		mg/Kg		90	70 - 130
o-Xylene	0.100	0.09469		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-40900/2-A

Matrix: Solid

Analysis Batch: 40979

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 40900

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1030		mg/Kg		103	70 - 130	4	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22209-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-40900/2-A

Matrix: Solid

Analysis Batch: 40979

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 40900

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09018		mg/Kg		90	70 - 130	4	35
Ethylbenzene	0.100	0.08710		mg/Kg		87	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1785		mg/Kg		89	70 - 130	1	35
o-Xylene	0.100	0.09017		mg/Kg		90	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-22216-A-1-A MS

Matrix: Solid

Analysis Batch: 40979

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 40900

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U F2 F1	0.0998	0.07187		mg/Kg		72	70 - 130
Toluene	<0.00199	U F2 F1	0.0998	0.06691	F1	mg/Kg		67	70 - 130
Ethylbenzene	<0.00199	U F2 F1	0.0998	0.07175		mg/Kg		72	70 - 130
m-Xylene & p-Xylene	<0.00398	U F2 F1	0.200	0.1461		mg/Kg		73	70 - 130
o-Xylene	<0.00199	U F2 F1	0.0998	0.07491		mg/Kg		75	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-22216-A-1-B MSD

Matrix: Solid

Analysis Batch: 40979

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 40900

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U F2 F1	0.100	0.04844	F2 F1	mg/Kg		48	70 - 130	39	35
Toluene	<0.00199	U F2 F1	0.100	0.04633	F2 F1	mg/Kg		46	70 - 130	36	35
Ethylbenzene	<0.00199	U F2 F1	0.100	0.04838	F2 F1	mg/Kg		48	70 - 130	39	35
m-Xylene & p-Xylene	<0.00398	U F2 F1	0.201	0.09583	F2 F1	mg/Kg		48	70 - 130	42	35
o-Xylene	<0.00199	U F2 F1	0.100	0.05009	F2 F1	mg/Kg		50	70 - 130	40	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

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

Lab Sample ID: MB 880-40909/1-A

Matrix: Solid

Analysis Batch: 40981

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 40909

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		12/02/22 15:34	12/05/22 20:24	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22209-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-40909/1-A

Matrix: Solid

Analysis Batch: 40981

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 40909

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		12/02/22 15:34	12/05/22 20:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/22 15:34	12/05/22 20:24	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				12/02/22 15:34	12/05/22 20:24	1
o-Terphenyl	105		70 - 130				12/02/22 15:34	12/05/22 20:24	1

Lab Sample ID: LCS 880-40909/2-A

Matrix: Solid

Analysis Batch: 40981

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 40909

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	973.5		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	1000	975.0		mg/Kg		98	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	108		70 - 130				
o-Terphenyl	110		70 - 130				

Lab Sample ID: LCSD 880-40909/3-A

Matrix: Solid

Analysis Batch: 40981

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 40909

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	987.7		mg/Kg		99	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1001		mg/Kg		100	70 - 130	3	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	98		70 - 130						
o-Terphenyl	100		70 - 130						

Lab Sample ID: 880-21965-A-1-F MS

Matrix: Solid

Analysis Batch: 40981

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 40909

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	999	997.3		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	875.9		mg/Kg		88	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	111		70 - 130						
o-Terphenyl	108		70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22209-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-21965-A-1-G MSD

Matrix: Solid

Analysis Batch: 40981

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 40909

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	997	990.5		mg/Kg		99	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	902.9		mg/Kg		91	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	115		70 - 130								
o-Terphenyl	109		70 - 130								

Lab Sample ID: MB 880-40946/1-A

Matrix: Solid

Analysis Batch: 40965

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 40946

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		12/03/22 11:09	12/03/22 16:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/03/22 11:09	12/03/22 16:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/03/22 11:09	12/03/22 16:48	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	193	S1+	70 - 130				12/03/22 11:09	12/03/22 16:48	1
o-Terphenyl	218	S1+	70 - 130				12/03/22 11:09	12/03/22 16:48	1

Lab Sample ID: LCS 880-40946/2-A

Matrix: Solid

Analysis Batch: 40965

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 40946

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	787.5		mg/Kg		79	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1294		mg/Kg		129	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	158	S1+	70 - 130						
o-Terphenyl	178	S1+	70 - 130						

Lab Sample ID: LCSD 880-40946/3-A

Matrix: Solid

Analysis Batch: 40965

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 40946

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	765.1		mg/Kg		77	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1101		mg/Kg		110	70 - 130	16	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22209-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-40946/3-A

Matrix: Solid

Analysis Batch: 40965

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 40946

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	146	S1+	70 - 130
o-Terphenyl	153	S1+	70 - 130

Lab Sample ID: 880-22209-6 MS

Matrix: Solid

Analysis Batch: 40965

Client Sample ID: H-6 (0-0.5')

Prep Type: Total/NA

Prep Batch: 40946

	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	999	1195		mg/Kg		118	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1184		mg/Kg		119	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	134	S1+	70 - 130							
o-Terphenyl	118		70 - 130							

Lab Sample ID: 880-22209-6 MSD

Matrix: Solid

Analysis Batch: 40965

Client Sample ID: H-6 (0-0.5')

Prep Type: Total/NA

Prep Batch: 40946

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	1134		mg/Kg		112	70 - 130	5	20	
Diesel Range Organics (Over C10-C28)	<50.0	U	997	1210		mg/Kg		121	70 - 130	2	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	120		70 - 130									
o-Terphenyl	121		70 - 130									

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-40945/1-A

Matrix: Solid

Analysis Batch: 41018

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.00	U	5.00		mg/Kg			12/06/22 06:12	1	

Lab Sample ID: LCS 880-40945/2-A

Matrix: Solid

Analysis Batch: 41018

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS					%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	250	261.6		mg/Kg		105	90 - 110		

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22209-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-40945/3-A				Client Sample ID: Lab Control Sample Dup							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 41018											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	262.9		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-22209-1 MS				Client Sample ID: H-1 (0-0.5')							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 41018											
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	141		252	402.4		mg/Kg		104	90 - 110		

Lab Sample ID: 880-22209-1 MSD				Client Sample ID: H-1 (0-0.5')							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 41018											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	141		252	402.8		mg/Kg		104	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22209-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 40587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-40587/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 40900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22209-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-22209-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-22209-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-22209-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-22209-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-22209-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-22209-7	H-7 (0-0.5')	Total/NA	Solid	5035	
880-22209-8	H-8 (0-0.5')	Total/NA	Solid	5035	
880-22209-9	H-9 (0-0.5')	Total/NA	Solid	5035	
880-22209-10	H-10 (0-0.5')	Total/NA	Solid	5035	
MB 880-40900/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-40900/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-40900/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-22216-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-22216-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 40979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22209-1	H-1 (0-0.5')	Total/NA	Solid	8021B	40900
880-22209-2	H-2 (0-0.5')	Total/NA	Solid	8021B	40900
880-22209-3	H-3 (0-0.5')	Total/NA	Solid	8021B	40900
880-22209-4	H-4 (0-0.5')	Total/NA	Solid	8021B	40900
880-22209-5	H-5 (0-0.5')	Total/NA	Solid	8021B	40900
880-22209-6	H-6 (0-0.5')	Total/NA	Solid	8021B	40900
880-22209-7	H-7 (0-0.5')	Total/NA	Solid	8021B	40900
880-22209-8	H-8 (0-0.5')	Total/NA	Solid	8021B	40900
880-22209-9	H-9 (0-0.5')	Total/NA	Solid	8021B	40900
880-22209-10	H-10 (0-0.5')	Total/NA	Solid	8021B	40900
MB 880-40587/5-A	Method Blank	Total/NA	Solid	8021B	40587
MB 880-40900/5-A	Method Blank	Total/NA	Solid	8021B	40900
LCS 880-40900/1-A	Lab Control Sample	Total/NA	Solid	8021B	40900
LCSD 880-40900/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	40900
880-22216-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	40900
880-22216-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	40900

Analysis Batch: 41050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22209-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-22209-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-22209-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-22209-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-22209-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-22209-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-22209-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-22209-8	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	
880-22209-9	H-9 (0-0.5')	Total/NA	Solid	Total BTEX	
880-22209-10	H-10 (0-0.5')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22209-1
SDG: Eddy County, New Mexico

GC Semi VOA

Prep Batch: 40909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22209-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-22209-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-22209-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-22209-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-22209-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-40909/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-40909/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-40909/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-21965-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-21965-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 40946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22209-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-22209-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-22209-8	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-22209-9	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-22209-10	H-10 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-40946/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-40946/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-40946/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-22209-6 MS	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-22209-6 MSD	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 40965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22209-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	40946
880-22209-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	40946
880-22209-8	H-8 (0-0.5')	Total/NA	Solid	8015B NM	40946
880-22209-9	H-9 (0-0.5')	Total/NA	Solid	8015B NM	40946
880-22209-10	H-10 (0-0.5')	Total/NA	Solid	8015B NM	40946
MB 880-40946/1-A	Method Blank	Total/NA	Solid	8015B NM	40946
LCS 880-40946/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	40946
LCSD 880-40946/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	40946
880-22209-6 MS	H-6 (0-0.5')	Total/NA	Solid	8015B NM	40946
880-22209-6 MSD	H-6 (0-0.5')	Total/NA	Solid	8015B NM	40946

Analysis Batch: 40981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22209-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	40909
880-22209-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	40909
880-22209-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	40909
880-22209-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	40909
880-22209-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	40909
MB 880-40909/1-A	Method Blank	Total/NA	Solid	8015B NM	40909
LCS 880-40909/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	40909
LCSD 880-40909/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	40909
880-21965-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	40909
880-21965-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	40909

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-22209-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

GC Semi VOA

Analysis Batch: 41034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22209-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-22209-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-22209-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-22209-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-22209-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-22209-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-22209-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-22209-8	H-8 (0-0.5')	Total/NA	Solid	8015 NM	
880-22209-9	H-9 (0-0.5')	Total/NA	Solid	8015 NM	
880-22209-10	H-10 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 40945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22209-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-22209-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-22209-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-22209-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-22209-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-22209-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-22209-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-22209-8	H-8 (0-0.5')	Soluble	Solid	DI Leach	
880-22209-9	H-9 (0-0.5')	Soluble	Solid	DI Leach	
880-22209-10	H-10 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-40945/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-40945/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-40945/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-22209-1 MS	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-22209-1 MSD	H-1 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 41018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22209-1	H-1 (0-0.5')	Soluble	Solid	300.0	40945
880-22209-2	H-2 (0-0.5')	Soluble	Solid	300.0	40945
880-22209-3	H-3 (0-0.5')	Soluble	Solid	300.0	40945
880-22209-4	H-4 (0-0.5')	Soluble	Solid	300.0	40945
880-22209-5	H-5 (0-0.5')	Soluble	Solid	300.0	40945
880-22209-6	H-6 (0-0.5')	Soluble	Solid	300.0	40945
880-22209-7	H-7 (0-0.5')	Soluble	Solid	300.0	40945
880-22209-8	H-8 (0-0.5')	Soluble	Solid	300.0	40945
880-22209-9	H-9 (0-0.5')	Soluble	Solid	300.0	40945
880-22209-10	H-10 (0-0.5')	Soluble	Solid	300.0	40945
MB 880-40945/1-A	Method Blank	Soluble	Solid	300.0	40945
LCS 880-40945/2-A	Lab Control Sample	Soluble	Solid	300.0	40945
LCSD 880-40945/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	40945
880-22209-1 MS	H-1 (0-0.5')	Soluble	Solid	300.0	40945
880-22209-1 MSD	H-1 (0-0.5')	Soluble	Solid	300.0	40945

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22209-1
SDG: Eddy County, New Mexico

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-22209-1

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40900	12/02/22 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40979	12/05/22 05:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41050	12/05/22 13:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41034	12/06/22 09:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	40909	12/02/22 15:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40981	12/06/22 02:36	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	40945	12/03/22 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			41018	12/06/22 06:32	CH	EET MID

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-22209-2

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40900	12/02/22 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40979	12/05/22 06:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41050	12/05/22 13:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41034	12/06/22 09:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	40909	12/02/22 15:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40981	12/06/22 02:56	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	40945	12/03/22 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			41018	12/06/22 06:52	CH	EET MID

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

Lab Sample ID: 880-22209-3

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40900	12/02/22 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40979	12/05/22 06:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41050	12/05/22 13:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41034	12/06/22 09:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	40909	12/02/22 15:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40981	12/06/22 03:16	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	40945	12/03/22 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			41018	12/06/22 06:58	CH	EET MID

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

Lab Sample ID: 880-22209-4

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40900	12/02/22 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40979	12/05/22 06:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41050	12/05/22 13:56	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22209-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22209-4

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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			41034	12/06/22 09:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	40909	12/02/22 15:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40981	12/06/22 03:36	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	40945	12/03/22 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			41018	12/06/22 07:05	CH	EET MID

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-22209-5

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40900	12/02/22 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40979	12/05/22 07:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41050	12/05/22 13:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41034	12/06/22 09:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	40909	12/02/22 15:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40981	12/06/22 03:56	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	40945	12/03/22 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			41018	12/06/22 07:12	CH	EET MID

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-22209-6

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40900	12/02/22 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40979	12/05/22 07:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41050	12/05/22 13:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41034	12/05/22 12:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	40946	12/03/22 11:09	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40965	12/03/22 17:56	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	40945	12/03/22 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			41018	12/06/22 07:32	CH	EET MID

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-22209-7

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40900	12/02/22 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40979	12/05/22 07:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41050	12/05/22 13:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41034	12/05/22 12:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	40946	12/03/22 11:09	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40965	12/03/22 19:04	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22209-1
SDG: Eddy County, New Mexico

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-22209-7

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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 g	50 mL	40945	12/03/22 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			41018	12/06/22 07:38	CH	EET MID

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-22209-8

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40900	12/02/22 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40979	12/05/22 09:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41050	12/05/22 13:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41034	12/05/22 12:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	40946	12/03/22 11:09	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40965	12/03/22 19:27	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	40945	12/03/22 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			41018	12/06/22 07:45	CH	EET MID

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 880-22209-9

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40900	12/02/22 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40979	12/05/22 09:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41050	12/05/22 13:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41034	12/05/22 12:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	40946	12/03/22 11:09	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40965	12/03/22 19:50	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	40945	12/03/22 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			41018	12/06/22 07:51	CH	EET MID

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

Lab Sample ID: 880-22209-10

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40900	12/02/22 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40979	12/05/22 09:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41050	12/05/22 13:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41034	12/05/22 12:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	40946	12/03/22 11:09	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40965	12/03/22 20:13	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	40945	12/03/22 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			41018	12/06/22 07:58	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22209-1
SDG: Eddy County, New Mexico

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

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Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-22209-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

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

Eurofins Midland

Method Summary

Client: Carmona Resources

Job ID: 880-22209-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	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

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22209-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-22209-1	H-1 (0-0.5')	Solid	12/01/22 00:00	12/02/22 10:32
880-22209-2	H-2 (0-0.5')	Solid	12/01/22 00:00	12/02/22 10:32
880-22209-3	H-3 (0-0.5')	Solid	12/01/22 00:00	12/02/22 10:32
880-22209-4	H-4 (0-0.5')	Solid	12/01/22 00:00	12/02/22 10:32
880-22209-5	H-5 (0-0.5')	Solid	12/01/22 00:00	12/02/22 10:32
880-22209-6	H-6 (0-0.5')	Solid	12/01/22 00:00	12/02/22 10:32
880-22209-7	H-7 (0-0.5')	Solid	12/01/22 00:00	12/02/22 10:32
880-22209-8	H-8 (0-0.5')	Solid	12/01/22 00:00	12/02/22 10:32
880-22209-9	H-9 (0-0.5')	Solid	12/01/22 00:00	12/02/22 10:32
880-22209-10	H-10 (0-0.5')	Solid	12/01/22 00:00	12/02/22 10:32

[illegible]

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-22209-1

SDG Number: Eddy County, New Mexico

Login Number: 22209

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 415
Midland, Texas 79701

Generated 12/7/2022 3:08:33 PM

JOB DESCRIPTION

Cali Roll 24 Fed Com 2H (11.01.22)
SDG NUMBER Eddy County, New Mexico

JOB NUMBER

880-22210-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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
12/7/2022 3:08:33 PM

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

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Laboratory Job ID: 880-22210-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources

Job ID: 880-22210-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

Qualifiers

GC 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.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD 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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Job ID: 880-22210-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-22210-1

Receipt

The samples were received on 12/2/2022 10:32 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 0.6°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-1') (880-22210-1), S-1 (1.5') (880-22210-2), S-1 (2') (880-22210-3), S-1 (3') (880-22210-4), S-1 (4') (880-22210-5), S-2 (0-1') (880-22210-6), S-2 (1.5') (880-22210-7), S-2 (2') (880-22210-8), S-2 (3') (880-22210-9), S-2 (4') (880-22210-10), S-3 (0-1') (880-22210-11), S-3 (1.5') (880-22210-12), S-3 (2') (880-22210-13), S-3 (3') (880-22210-14), S-3 (4') (880-22210-15), S-4 (0-1') (880-22210-16), S-4 (1.5') (880-22210-17), S-4 (2') (880-22210-18), S-4 (3') (880-22210-19), S-4 (4') (880-22210-20), S-5 (0-1') (880-22210-21), S-5 (1.5') (880-22210-22), S-5 (2') (880-22210-23), S-5 (3') (880-22210-24), S-5 (4') (880-22210-25), S-5 (5') (880-22210-26), S-6 (0-1') (880-22210-27), S-6 (1.5') (880-22210-28), S-6 (2') (880-22210-29), S-7 (0-1') (880-22210-30), S-7 (1.5') (880-22210-31), S-7 (2') (880-22210-32), S-8 (0-1') (880-22210-33), S-8 (1.5') (880-22210-34), S-8 (2') (880-22210-35) and S-8 (3') (880-22210-36).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-40900 and analytical batch 880-40979 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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-40902 and analytical batch 880-41033 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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-40901 and analytical batch 880-41157 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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-41030 and analytical batch 880-41141 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 880-41160 and analytical batch 880-41157 was outside the control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-40901 and analytical batch 880-41157 was outside the control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-1 (3') (880-22210-4) and S-1 (4') (880-22210-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-3 (1.5') (880-22210-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-4 (3') (880-22210-19). 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.

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-1 (0-1') (880-22210-1), S-1 (1.5')

Case Narrative

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Job ID: 880-22210-1 (Continued)**Laboratory: Eurofins Midland (Continued)**

(880-22210-2), S-2 (4') (880-22210-10), S-3 (0-1') (880-22210-11), S-4 (0-1') (880-22210-16), (LCS 880-40989/2-A), (LCSD 880-40989/3-A), (880-22210-A-1-H MS) and (880-22210-A-1-I MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-40990 and analytical batch 880-40987 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-40987/20), (CCV 880-40987/31), (CCV 880-40987/5), (LCS 880-40990/2-A) and (LCSD 880-40990/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-5 (0-1') (880-22210-21), S-5 (1.5') (880-22210-22), S-5 (2') (880-22210-23), S-5 (3') (880-22210-24), S-5 (4') (880-22210-25), S-5 (5') (880-22210-26), S-6 (0-1') (880-22210-27), S-6 (1.5') (880-22210-28), S-6 (2') (880-22210-29), S-7 (0-1') (880-22210-30), S-7 (1.5') (880-22210-31), S-7 (2') (880-22210-32), S-8 (0-1') (880-22210-33), S-8 (1.5') (880-22210-34), S-8 (2') (880-22210-35), S-8 (3') (880-22210-36), (880-22210-A-21-F MS) and (880-22210-A-21-G MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-40990 and analytical batch 880-40987 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

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 880-40944 and analytical batch 880-40964 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 880-40947 and analytical batch 880-41019 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22210-1

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F2 F1	0.00201		mg/Kg		12/02/22 13:10	12/07/22 06:57	1
Toluene	<0.00201	U F2 F1	0.00201		mg/Kg		12/02/22 13:10	12/07/22 06:57	1
Ethylbenzene	<0.00201	U F2 F1	0.00201		mg/Kg		12/02/22 13:10	12/07/22 06:57	1
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.00402		mg/Kg		12/02/22 13:10	12/07/22 06:57	1
o-Xylene	<0.00201	U F2 F1	0.00201		mg/Kg		12/02/22 13:10	12/07/22 06:57	1
Xylenes, Total	<0.00402	U F2 F1	0.00402		mg/Kg		12/02/22 13:10	12/07/22 06:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	12/02/22 13:10	12/07/22 06:57	1
1,4-Difluorobenzene (Surr)	94		70 - 130	12/02/22 13:10	12/07/22 06:57	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			12/07/22 10:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	61.0		50.0		mg/Kg			12/06/22 09:41	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	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 11:32	1
Diesel Range Organics (Over C10-C28)	61.0		50.0		mg/Kg		12/05/22 08:23	12/05/22 11:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 11:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130	12/05/22 08:23	12/05/22 11:32	1
o-Terphenyl	133	S1+	70 - 130	12/05/22 08:23	12/05/22 11:32	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		50.1		mg/Kg			12/06/22 08:05	10

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-22210-2

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:10	12/07/22 07:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 07:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 07:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/22 13:10	12/07/22 07:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 07:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/22 13:10	12/07/22 07:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	12/02/22 13:10	12/07/22 07:18	1
1,4-Difluorobenzene (Surr)	101		70 - 130	12/02/22 13:10	12/07/22 07:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-22210-2

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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			12/07/22 10:39	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			12/06/22 09:41	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	<49.9	U	49.9		mg/Kg		12/05/22 08:23	12/05/22 12:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/05/22 08:23	12/05/22 12:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/05/22 08:23	12/05/22 12:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				12/05/22 08:23	12/05/22 12:39	1
o-Terphenyl	128		70 - 130				12/05/22 08:23	12/05/22 12:39	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6120		99.0		mg/Kg			12/06/22 08:25	20

Client Sample ID: S-1 (2')

Lab Sample ID: 880-22210-3

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:10	12/07/22 07:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 07:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 07:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/22 13:10	12/07/22 07:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 07:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/22 13:10	12/07/22 07:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				12/02/22 13:10	12/07/22 07:38	1
1,4-Difluorobenzene (Surr)	106		70 - 130				12/02/22 13:10	12/07/22 07:38	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			12/07/22 10:39	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			12/06/22 09:41	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	<49.9	U	49.9		mg/Kg		12/05/22 08:23	12/05/22 13:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/05/22 08:23	12/05/22 13:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (2')

Lab Sample ID: 880-22210-3

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/05/22 08:23	12/05/22 13:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				12/05/22 08:23	12/05/22 13:01	1
o-Terphenyl	114		70 - 130				12/05/22 08:23	12/05/22 13:01	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.6		4.99		mg/Kg			12/06/22 08:31	1

Client Sample ID: S-1 (3')

Lab Sample ID: 880-22210-4

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:10	12/07/22 07:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:10	12/07/22 07:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:10	12/07/22 07:59	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/02/22 13:10	12/07/22 07:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:10	12/07/22 07:59	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/02/22 13:10	12/07/22 07:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	66	S1-	70 - 130				12/02/22 13:10	12/07/22 07:59	1
1,4-Difluorobenzene (Surr)	106		70 - 130				12/02/22 13:10	12/07/22 07:59	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			12/07/22 10:39	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			12/06/22 09:41	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	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 13:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 13:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 13:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				12/05/22 08:23	12/05/22 13:23	1
o-Terphenyl	114		70 - 130				12/05/22 08:23	12/05/22 13:23	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.3		4.95		mg/Kg			12/06/22 08:51	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (4')

Lab Sample ID: 880-22210-5

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:10	12/07/22 08:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/02/22 13:10	12/07/22 08:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/02/22 13:10	12/07/22 08:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/02/22 13:10	12/07/22 08:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/02/22 13:10	12/07/22 08:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/02/22 13:10	12/07/22 08:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130	12/02/22 13:10	12/07/22 08:41	1
1,4-Difluorobenzene (Surr)	98		70 - 130	12/02/22 13:10	12/07/22 08:41	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			12/07/22 10:39	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			12/06/22 09:41	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	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 13:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 13:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 13:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	12/05/22 08:23	12/05/22 13:45	1
o-Terphenyl	108		70 - 130	12/05/22 08:23	12/05/22 13:45	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.1		4.98		mg/Kg			12/06/22 08:58	1

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

Lab Sample ID: 880-22210-6

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:10	12/07/22 09:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/02/22 13:10	12/07/22 09:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/02/22 13:10	12/07/22 09:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/02/22 13:10	12/07/22 09:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/02/22 13:10	12/07/22 09:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/02/22 13:10	12/07/22 09:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	12/02/22 13:10	12/07/22 09:02	1
1,4-Difluorobenzene (Surr)	110		70 - 130	12/02/22 13:10	12/07/22 09:02	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22210-6

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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			12/07/22 10:39	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			12/06/22 09:41	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	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 14:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 14:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				12/05/22 08:23	12/05/22 14:07	1
o-Terphenyl	115		70 - 130				12/05/22 08:23	12/05/22 14:07	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5940		100		mg/Kg			12/06/22 09:05	20

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-22210-7

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:10	12/07/22 09:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 09:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 09:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/22 13:10	12/07/22 09:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 09:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/22 13:10	12/07/22 09:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				12/02/22 13:10	12/07/22 09:22	1
1,4-Difluorobenzene (Surr)	112		70 - 130				12/02/22 13:10	12/07/22 09:22	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			12/07/22 10:39	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			12/06/22 09:41	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	<49.9	U	49.9		mg/Kg		12/05/22 08:23	12/05/22 14:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/05/22 08:23	12/05/22 14:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-22210-7

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/05/22 08:23	12/05/22 14:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				12/05/22 08:23	12/05/22 14:30	1
o-Terphenyl	112		70 - 130				12/05/22 08:23	12/05/22 14:30	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	255		5.00		mg/Kg			12/06/22 11:06	1

Client Sample ID: S-2 (2')

Lab Sample ID: 880-22210-8

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:10	12/07/22 09:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 09:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 09:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/22 13:10	12/07/22 09:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 09:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/22 13:10	12/07/22 09:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				12/02/22 13:10	12/07/22 09:42	1
1,4-Difluorobenzene (Surr)	107		70 - 130				12/02/22 13:10	12/07/22 09:42	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			12/07/22 10:39	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			12/06/22 09:41	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	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 14:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 14:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 14:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				12/05/22 08:23	12/05/22 14:52	1
o-Terphenyl	124		70 - 130				12/05/22 08:23	12/05/22 14:52	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.5		4.99		mg/Kg			12/06/22 09:18	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (3')

Lab Sample ID: 880-22210-9

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:10	12/07/22 10:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:10	12/07/22 10:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:10	12/07/22 10:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/02/22 13:10	12/07/22 10:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:10	12/07/22 10:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/02/22 13:10	12/07/22 10:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	12/02/22 13:10	12/07/22 10:03	1
1,4-Difluorobenzene (Surr)	98		70 - 130	12/02/22 13:10	12/07/22 10:03	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			12/07/22 10:39	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			12/06/22 09:41	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	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 15:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 15:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	12/05/22 08:23	12/05/22 15:14	1
o-Terphenyl	103		70 - 130	12/05/22 08:23	12/05/22 15:14	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	408		4.96		mg/Kg			12/06/22 11:13	1

Client Sample ID: S-2 (4')

Lab Sample ID: 880-22210-10

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:10	12/07/22 10:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 10:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 10:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/22 13:10	12/07/22 10:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 10:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/22 13:10	12/07/22 10:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	12/02/22 13:10	12/07/22 10:23	1
1,4-Difluorobenzene (Surr)	99		70 - 130	12/02/22 13:10	12/07/22 10:23	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (4')

Lab Sample ID: 880-22210-10

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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			12/07/22 13:04	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			12/06/22 09:41	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	<49.9	U	49.9		mg/Kg		12/05/22 08:23	12/05/22 15:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/05/22 08:23	12/05/22 15:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/05/22 08:23	12/05/22 15:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				12/05/22 08:23	12/05/22 15:36	1
o-Terphenyl	121		70 - 130				12/05/22 08:23	12/05/22 15:36	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.0		5.03		mg/Kg			12/06/22 11:19	1

Client Sample ID: S-3 (0-1')

Lab Sample ID: 880-22210-11

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:10	12/07/22 12:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 12:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 12:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/22 13:10	12/07/22 12:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 12:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/22 13:10	12/07/22 12:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130				12/02/22 13:10	12/07/22 12:13	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/02/22 13:10	12/07/22 12:13	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			12/07/22 13:12	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			12/06/22 09:41	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	<49.9	U	49.9		mg/Kg		12/05/22 08:23	12/05/22 16:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/05/22 08:23	12/05/22 16:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (0-1')

Lab Sample ID: 880-22210-11

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/05/22 08:23	12/05/22 16:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				12/05/22 08:23	12/05/22 16:22	1
o-Terphenyl	129		70 - 130				12/05/22 08:23	12/05/22 16:22	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	762	F1	49.7		mg/Kg			12/06/22 16:06	10

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-22210-12

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:10	12/07/22 12:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:10	12/07/22 12:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:10	12/07/22 12:34	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/02/22 13:10	12/07/22 12:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:10	12/07/22 12:34	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/02/22 13:10	12/07/22 12:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130				12/02/22 13:10	12/07/22 12:34	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/02/22 13:10	12/07/22 12:34	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			12/07/22 13:12	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			12/06/22 09:41	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	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 16:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 16:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 16:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				12/05/22 08:23	12/05/22 16:44	1
o-Terphenyl	111		70 - 130				12/05/22 08:23	12/05/22 16:44	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1900		50.1		mg/Kg			12/06/22 17:04	10

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (2')

Lab Sample ID: 880-22210-13

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:10	12/07/22 12:54	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/02/22 13:10	12/07/22 12:54	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/02/22 13:10	12/07/22 12:54	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/02/22 13:10	12/07/22 12:54	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/02/22 13:10	12/07/22 12:54	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/02/22 13:10	12/07/22 12:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	12/02/22 13:10	12/07/22 12:54	1
1,4-Difluorobenzene (Surr)	111		70 - 130	12/02/22 13:10	12/07/22 12:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/07/22 13:12	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			12/06/22 09:41	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	<49.9	U	49.9		mg/Kg		12/05/22 08:23	12/05/22 17:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/05/22 08:23	12/05/22 17:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/05/22 08:23	12/05/22 17:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	12/05/22 08:23	12/05/22 17:06	1
o-Terphenyl	112		70 - 130	12/05/22 08:23	12/05/22 17:06	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	438		5.00		mg/Kg			12/06/22 17:10	1

Client Sample ID: S-3 (3')

Lab Sample ID: 880-22210-14

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:10	12/07/22 13:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/02/22 13:10	12/07/22 13:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/02/22 13:10	12/07/22 13:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/02/22 13:10	12/07/22 13:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/02/22 13:10	12/07/22 13:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/02/22 13:10	12/07/22 13:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130	12/02/22 13:10	12/07/22 13:15	1
1,4-Difluorobenzene (Surr)	101		70 - 130	12/02/22 13:10	12/07/22 13:15	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (3')

Lab Sample ID: 880-22210-14

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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			12/07/22 13:55	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			12/06/22 09:41	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	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 17:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 17:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 17:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				12/05/22 08:23	12/05/22 17:28	1
o-Terphenyl	105		70 - 130				12/05/22 08:23	12/05/22 17:28	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.4		4.98		mg/Kg			12/06/22 17:17	1

Client Sample ID: S-3 (4')

Lab Sample ID: 880-22210-15

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:10	12/07/22 13:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/02/22 13:10	12/07/22 13:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/02/22 13:10	12/07/22 13:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/02/22 13:10	12/07/22 13:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/02/22 13:10	12/07/22 13:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/02/22 13:10	12/07/22 13:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				12/02/22 13:10	12/07/22 13:35	1
1,4-Difluorobenzene (Surr)	105		70 - 130				12/02/22 13:10	12/07/22 13:35	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			12/07/22 15:57	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			12/06/22 09:41	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	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 17:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 17:50	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (4')

Lab Sample ID: 880-22210-15

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/05/22 08:23	12/05/22 17:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				12/05/22 08:23	12/05/22 17:50	1
o-Terphenyl	109		70 - 130				12/05/22 08:23	12/05/22 17:50	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.8		4.95		mg/Kg			12/06/22 17:24	1

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-22210-16

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:10	12/07/22 13:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 13:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 13:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/22 13:10	12/07/22 13:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 13:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/22 13:10	12/07/22 13:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				12/02/22 13:10	12/07/22 13:56	1
1,4-Difluorobenzene (Surr)	106		70 - 130				12/02/22 13:10	12/07/22 13:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/07/22 15:57	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			12/06/22 09:41	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	<49.9	U	49.9		mg/Kg		12/05/22 08:23	12/05/22 18:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/05/22 08:23	12/05/22 18:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/05/22 08:23	12/05/22 18:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130				12/05/22 08:23	12/05/22 18:13	1
o-Terphenyl	128		70 - 130				12/05/22 08:23	12/05/22 18:13	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2800		49.9		mg/Kg			12/06/22 17:44	10

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-22210-17

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:10	12/07/22 14:16	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/02/22 13:10	12/07/22 14:16	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/02/22 13:10	12/07/22 14:16	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/02/22 13:10	12/07/22 14:16	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/02/22 13:10	12/07/22 14:16	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/02/22 13:10	12/07/22 14:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	12/02/22 13:10	12/07/22 14:16	1
1,4-Difluorobenzene (Surr)	104		70 - 130	12/02/22 13:10	12/07/22 14:16	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			12/07/22 15:57	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			12/06/22 09:41	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	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 18:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 18:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 18:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130	12/05/22 08:23	12/05/22 18:34	1
o-Terphenyl	120		70 - 130	12/05/22 08:23	12/05/22 18:34	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.1		4.97		mg/Kg			12/06/22 17:50	1

Client Sample ID: S-4 (2')

Lab Sample ID: 880-22210-18

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:10	12/07/22 14:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 14:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 14:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/22 13:10	12/07/22 14:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:10	12/07/22 14:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/22 13:10	12/07/22 14:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	12/02/22 13:10	12/07/22 14:36	1
1,4-Difluorobenzene (Surr)	106		70 - 130	12/02/22 13:10	12/07/22 14:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-4 (2')

Lab Sample ID: 880-22210-18

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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			12/07/22 15:57	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			12/06/22 09:41	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	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 18:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 18:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 18:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				12/05/22 08:23	12/05/22 18:56	1
o-Terphenyl	111		70 - 130				12/05/22 08:23	12/05/22 18:56	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.6		4.99		mg/Kg			12/06/22 17:57	1

Client Sample ID: S-4 (3')

Lab Sample ID: 880-22210-19

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:10	12/07/22 14:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:10	12/07/22 14:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:10	12/07/22 14:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/02/22 13:10	12/07/22 14:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:10	12/07/22 14:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/02/22 13:10	12/07/22 14:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	66	S1-	70 - 130				12/02/22 13:10	12/07/22 14:57	1
1,4-Difluorobenzene (Surr)	105		70 - 130				12/02/22 13:10	12/07/22 14:57	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			12/07/22 15:57	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			12/06/22 09:41	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	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 19:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 19:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-4 (3')

Lab Sample ID: 880-22210-19

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/05/22 08:23	12/05/22 19:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				12/05/22 08:23	12/05/22 19:18	1
o-Terphenyl	109		70 - 130				12/05/22 08:23	12/05/22 19:18	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.2		4.96		mg/Kg			12/06/22 18:04	1

Client Sample ID: S-4 (4')

Lab Sample ID: 880-22210-20

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:10	12/07/22 15:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:10	12/07/22 15:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:10	12/07/22 15:17	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/02/22 13:10	12/07/22 15:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:10	12/07/22 15:17	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/02/22 13:10	12/07/22 15:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				12/02/22 13:10	12/07/22 15:17	1
1,4-Difluorobenzene (Surr)	102		70 - 130				12/02/22 13:10	12/07/22 15:17	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			12/07/22 15:57	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			12/06/22 09:41	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	<49.9	U	49.9		mg/Kg		12/05/22 08:23	12/05/22 19:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/05/22 08:23	12/05/22 19:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/05/22 08:23	12/05/22 19:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				12/05/22 08:23	12/05/22 19:41	1
o-Terphenyl	125		70 - 130				12/05/22 08:23	12/05/22 19:41	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.3		5.05		mg/Kg			12/06/22 18:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-22210-21

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:06	12/05/22 10:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 10:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 10:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/02/22 13:06	12/05/22 10:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 10:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/02/22 13:06	12/05/22 10:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	12/02/22 13:06	12/05/22 10:16	1
1,4-Difluorobenzene (Surr)	79		70 - 130	12/02/22 13:06	12/05/22 10:16	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			12/05/22 13:56	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			12/06/22 10:09	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		12/05/22 08:24	12/05/22 11:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		12/05/22 08:24	12/05/22 11:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/05/22 08:24	12/05/22 11:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130	12/05/22 08:24	12/05/22 11:32	1
o-Terphenyl	154	S1+	70 - 130	12/05/22 08:24	12/05/22 11:32	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070	F1	99.8		mg/Kg			12/06/22 18:17	20

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-22210-22

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:06	12/05/22 10:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:06	12/05/22 10:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:06	12/05/22 10:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/22 13:06	12/05/22 10:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:06	12/05/22 10:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/22 13:06	12/05/22 10:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	12/02/22 13:06	12/05/22 10:37	1
1,4-Difluorobenzene (Surr)	104		70 - 130	12/02/22 13:06	12/05/22 10:37	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-22210-22

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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			12/05/22 13:56	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			12/06/22 10:09	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	<49.9	U	49.9		mg/Kg		12/05/22 08:24	12/05/22 12:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		12/05/22 08:24	12/05/22 12:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/05/22 08:24	12/05/22 12:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				12/05/22 08:24	12/05/22 12:39	1
o-Terphenyl	155	S1+	70 - 130				12/05/22 08:24	12/05/22 12:39	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1560		49.7		mg/Kg			12/06/22 18:37	10

Client Sample ID: S-5 (2')

Lab Sample ID: 880-22210-23

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:06	12/05/22 10:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/02/22 13:06	12/05/22 10:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/02/22 13:06	12/05/22 10:57	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/02/22 13:06	12/05/22 10:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/02/22 13:06	12/05/22 10:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/02/22 13:06	12/05/22 10:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				12/02/22 13:06	12/05/22 10:57	1
1,4-Difluorobenzene (Surr)	84		70 - 130				12/02/22 13:06	12/05/22 10:57	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			12/05/22 13:56	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			12/06/22 10:09	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	<49.9	U	49.9		mg/Kg		12/05/22 08:24	12/05/22 13:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		12/05/22 08:24	12/05/22 13:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-5 (2')

Lab Sample ID: 880-22210-23

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/05/22 08:24	12/05/22 13:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				12/05/22 08:24	12/05/22 13:01	1
o-Terphenyl	158	S1+	70 - 130				12/05/22 08:24	12/05/22 13:01	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1850		50.2		mg/Kg			12/06/22 18:43	10

Client Sample ID: S-5 (3')

Lab Sample ID: 880-22210-24

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:06	12/05/22 11:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 11:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 11:18	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/02/22 13:06	12/05/22 11:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 11:18	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/02/22 13:06	12/05/22 11:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				12/02/22 13:06	12/05/22 11:18	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/02/22 13:06	12/05/22 11:18	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			12/05/22 13:56	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			12/06/22 10:09	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		12/05/22 08:24	12/05/22 13:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		12/05/22 08:24	12/05/22 13:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/05/22 08:24	12/05/22 13:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				12/05/22 08:24	12/05/22 13:23	1
o-Terphenyl	165	S1+	70 - 130				12/05/22 08:24	12/05/22 13:23	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1820		49.8		mg/Kg			12/06/22 19:04	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-5 (4')

Lab Sample ID: 880-22210-25

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:06	12/05/22 11:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:06	12/05/22 11:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:06	12/05/22 11:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/22 13:06	12/05/22 11:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:06	12/05/22 11:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/22 13:06	12/05/22 11:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/02/22 13:06	12/05/22 11:38	1
1,4-Difluorobenzene (Surr)	79		70 - 130	12/02/22 13:06	12/05/22 11:38	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			12/05/22 13:56	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			12/06/22 10:09	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		12/05/22 08:24	12/05/22 13:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		12/05/22 08:24	12/05/22 13:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/05/22 08:24	12/05/22 13:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	12/05/22 08:24	12/05/22 13:45	1
o-Terphenyl	157	S1+	70 - 130	12/05/22 08:24	12/05/22 13:45	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	331		4.96		mg/Kg			12/06/22 19:10	1

Client Sample ID: S-5 (5')

Lab Sample ID: 880-22210-26

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:06	12/05/22 11:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 11:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 11:59	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/02/22 13:06	12/05/22 11:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 11:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/02/22 13:06	12/05/22 11:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	12/02/22 13:06	12/05/22 11:59	1
1,4-Difluorobenzene (Surr)	101		70 - 130	12/02/22 13:06	12/05/22 11:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-5 (5')

Lab Sample ID: 880-22210-26

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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			12/05/22 13:56	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			12/06/22 10:09	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		12/05/22 08:24	12/05/22 14:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		12/05/22 08:24	12/05/22 14:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/05/22 08:24	12/05/22 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130				12/05/22 08:24	12/05/22 14:07	1
o-Terphenyl	174	S1+	70 - 130				12/05/22 08:24	12/05/22 14:07	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	644		5.05		mg/Kg			12/06/22 19:17	1

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-22210-27

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:06	12/05/22 12:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 12:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 12:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/02/22 13:06	12/05/22 12:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 12:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/02/22 13:06	12/05/22 12:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				12/02/22 13:06	12/05/22 12:19	1
1,4-Difluorobenzene (Surr)	99		70 - 130				12/02/22 13:06	12/05/22 12:19	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			12/05/22 13:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/22 10:09	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		12/05/22 08:24	12/05/22 14:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		12/05/22 08:24	12/05/22 14:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-22210-27

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/05/22 08:24	12/05/22 14:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				12/05/22 08:24	12/05/22 14:30	1
o-Terphenyl	160	S1+	70 - 130				12/05/22 08:24	12/05/22 14:30	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	429		4.96		mg/Kg			12/06/22 19:24	1

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-22210-28

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F2 F1	0.00201		mg/Kg		12/02/22 13:13	12/06/22 02:21	1
Toluene	<0.00201	U F2 F1	0.00201		mg/Kg		12/02/22 13:13	12/06/22 02:21	1
Ethylbenzene	<0.00201	U F1	0.00201		mg/Kg		12/02/22 13:13	12/06/22 02:21	1
m-Xylene & p-Xylene	<0.00402	U F1	0.00402		mg/Kg		12/02/22 13:13	12/06/22 02:21	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		12/02/22 13:13	12/06/22 02:21	1
Xylenes, Total	<0.00402	U F1	0.00402		mg/Kg		12/02/22 13:13	12/06/22 02:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				12/02/22 13:13	12/06/22 02:21	1
1,4-Difluorobenzene (Surr)	100		70 - 130				12/02/22 13:13	12/06/22 02:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/06/22 10:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/22 10:09	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	<49.9	U	49.9		mg/Kg		12/05/22 08:24	12/05/22 14:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		12/05/22 08:24	12/05/22 14:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/05/22 08:24	12/05/22 14:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130				12/05/22 08:24	12/05/22 14:52	1
o-Terphenyl	166	S1+	70 - 130				12/05/22 08:24	12/05/22 14:52	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1260		49.6		mg/Kg			12/06/22 19:30	10

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-6 (2')

Lab Sample ID: 880-22210-29

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:13	12/06/22 08:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:13	12/06/22 08:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:13	12/06/22 08:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/22 13:13	12/06/22 08:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:13	12/06/22 08:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/22 13:13	12/06/22 08:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	12/02/22 13:13	12/06/22 08:29	1
1,4-Difluorobenzene (Surr)	100		70 - 130	12/02/22 13:13	12/06/22 08:29	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			12/06/22 10:52	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			12/06/22 10:09	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		12/05/22 08:24	12/05/22 15:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		12/05/22 08:24	12/05/22 15:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/05/22 08:24	12/05/22 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	12/05/22 08:24	12/05/22 15:14	1
o-Terphenyl	155	S1+	70 - 130	12/05/22 08:24	12/05/22 15:14	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		5.00		mg/Kg			12/06/22 20:53	1

Client Sample ID: S-7 (0-1')

Lab Sample ID: 880-22210-30

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:13	12/06/22 08:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:13	12/06/22 08:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:13	12/06/22 08:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/22 13:13	12/06/22 08:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:13	12/06/22 08:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/22 13:13	12/06/22 08:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/02/22 13:13	12/06/22 08:50	1
1,4-Difluorobenzene (Surr)	94		70 - 130	12/02/22 13:13	12/06/22 08:50	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-7 (0-1')

Lab Sample ID: 880-22210-30

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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			12/06/22 10:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/22 10:09	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	<49.9	U	49.9		mg/Kg		12/05/22 08:24	12/05/22 15:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		12/05/22 08:24	12/05/22 15:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/05/22 08:24	12/05/22 15:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				12/05/22 08:24	12/05/22 15:36	1
o-Terphenyl	157	S1+	70 - 130				12/05/22 08:24	12/05/22 15:36	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2830		99.0		mg/Kg			12/06/22 20:59	20

Client Sample ID: S-7 (1.5')

Lab Sample ID: 880-22210-31

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:13	12/06/22 09:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:13	12/06/22 09:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:13	12/06/22 09:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/02/22 13:13	12/06/22 09:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:13	12/06/22 09:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/02/22 13:13	12/06/22 09:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/02/22 13:13	12/06/22 09:10	1
1,4-Difluorobenzene (Surr)	78		70 - 130				12/02/22 13:13	12/06/22 09:10	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			12/06/22 10:52	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			12/06/22 10:09	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		12/05/22 08:24	12/05/22 16:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		12/05/22 08:24	12/05/22 16:22	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-7 (1.5')

Lab Sample ID: 880-22210-31

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/05/22 08:24	12/05/22 16:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				12/05/22 08:24	12/05/22 16:22	1
o-Terphenyl	151	S1+	70 - 130				12/05/22 08:24	12/05/22 16:22	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	622		50.4		mg/Kg			12/06/22 00:10	10

Client Sample ID: S-7 (2')

Lab Sample ID: 880-22210-32

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/02/22 13:13	12/06/22 09:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:13	12/06/22 09:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:13	12/06/22 09:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/02/22 13:13	12/06/22 09:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/02/22 13:13	12/06/22 09:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/02/22 13:13	12/06/22 09:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				12/02/22 13:13	12/06/22 09:31	1
1,4-Difluorobenzene (Surr)	102		70 - 130				12/02/22 13:13	12/06/22 09:31	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			12/06/22 10:52	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			12/06/22 10:09	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		12/05/22 08:24	12/05/22 16:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		12/05/22 08:24	12/05/22 16:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/05/22 08:24	12/05/22 16:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				12/05/22 08:24	12/05/22 16:44	1
o-Terphenyl	152	S1+	70 - 130				12/05/22 08:24	12/05/22 16:44	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	588		50.2		mg/Kg			12/06/22 00:18	10

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-8 (0-1')

Lab Sample ID: 880-22210-33

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/05/22 12:11	12/06/22 15:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/05/22 12:11	12/06/22 15:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/05/22 12:11	12/06/22 15:33	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/05/22 12:11	12/06/22 15:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/05/22 12:11	12/06/22 15:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/05/22 12:11	12/06/22 15:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	12/05/22 12:11	12/06/22 15:33	1
1,4-Difluorobenzene (Surr)	101		70 - 130	12/05/22 12:11	12/06/22 15:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/06/22 16:19	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			12/06/22 10:09	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		12/05/22 08:24	12/05/22 17:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		12/05/22 08:24	12/05/22 17:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/05/22 08:24	12/05/22 17:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130	12/05/22 08:24	12/05/22 17:06	1
o-Terphenyl	168	S1+	70 - 130	12/05/22 08:24	12/05/22 17:06	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	616		49.7		mg/Kg			12/06/22 00:26	10

Client Sample ID: S-8 (1.5')

Lab Sample ID: 880-22210-34

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/05/22 12:11	12/06/22 15:53	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/05/22 12:11	12/06/22 15:53	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/05/22 12:11	12/06/22 15:53	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/05/22 12:11	12/06/22 15:53	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/05/22 12:11	12/06/22 15:53	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/05/22 12:11	12/06/22 15:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	12/05/22 12:11	12/06/22 15:53	1
1,4-Difluorobenzene (Surr)	105		70 - 130	12/05/22 12:11	12/06/22 15:53	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-8 (1.5')

Lab Sample ID: 880-22210-34

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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			12/06/22 16:19	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			12/06/22 10:09	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	<49.9	U	49.9		mg/Kg		12/05/22 08:24	12/05/22 17:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		12/05/22 08:24	12/05/22 17:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/05/22 08:24	12/05/22 17:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				12/05/22 08:24	12/05/22 17:28	1
o-Terphenyl	156	S1+	70 - 130				12/05/22 08:24	12/05/22 17:28	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7170		99.8		mg/Kg			12/06/22 00:34	20

Client Sample ID: S-8 (2')

Lab Sample ID: 880-22210-35

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/05/22 12:11	12/06/22 16:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/05/22 12:11	12/06/22 16:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/05/22 12:11	12/06/22 16:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/05/22 12:11	12/06/22 16:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/05/22 12:11	12/06/22 16:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/05/22 12:11	12/06/22 16:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				12/05/22 12:11	12/06/22 16:14	1
1,4-Difluorobenzene (Surr)	96		70 - 130				12/05/22 12:11	12/06/22 16:14	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			12/06/22 17:14	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			12/06/22 10:09	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	<49.9	U	49.9		mg/Kg		12/05/22 08:24	12/05/22 17:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		12/05/22 08:24	12/05/22 17:50	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-8 (2')

Lab Sample ID: 880-22210-35

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/05/22 08:24	12/05/22 17:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				12/05/22 08:24	12/05/22 17:50	1
o-Terphenyl	151	S1+	70 - 130				12/05/22 08:24	12/05/22 17:50	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1010		50.1		mg/Kg			12/06/22 00:42	10

Client Sample ID: S-8 (3')

Lab Sample ID: 880-22210-36

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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		12/05/22 12:11	12/06/22 16:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/05/22 12:11	12/06/22 16:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/05/22 12:11	12/06/22 16:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/05/22 12:11	12/06/22 16:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/05/22 12:11	12/06/22 16:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/05/22 12:11	12/06/22 16:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				12/05/22 12:11	12/06/22 16:34	1
1,4-Difluorobenzene (Surr)	89		70 - 130				12/05/22 12:11	12/06/22 16:34	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			12/06/22 17:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/22 10:09	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		12/05/22 08:24	12/05/22 18:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		12/05/22 08:24	12/05/22 18:13	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/05/22 08:24	12/05/22 18:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				12/05/22 08:24	12/05/22 18:13	1
o-Terphenyl	150	S1+	70 - 130				12/05/22 08:24	12/05/22 18:13	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	225		50.0		mg/Kg			12/06/22 00:50	10

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-22210-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-22210-1	S-1 (0-1')	81	94
880-22210-1 MS	S-1 (0-1')	75	100
880-22210-1 MSD	S-1 (0-1')	84	100
880-22210-2	S-1 (1.5')	92	101
880-22210-3	S-1 (2')	92	106
880-22210-4	S-1 (3')	66 S1-	106
880-22210-5	S-1 (4')	67 S1-	98
880-22210-6	S-2 (0-1')	92	110
880-22210-7	S-2 (1.5')	94	112
880-22210-8	S-2 (2')	85	107
880-22210-9	S-2 (3')	81	98
880-22210-10	S-2 (4')	84	99
880-22210-11	S-3 (0-1')	78	101
880-22210-12	S-3 (1.5')	69 S1-	104
880-22210-13	S-3 (2')	97	111
880-22210-14	S-3 (3')	73	101
880-22210-15	S-3 (4')	90	105
880-22210-16	S-4 (0-1')	88	106
880-22210-17	S-4 (1.5')	91	104
880-22210-18	S-4 (2')	90	106
880-22210-19	S-4 (3')	66 S1-	105
880-22210-20	S-4 (4')	83	102
880-22210-21	S-5 (0-1')	96	79
880-22210-22	S-5 (1.5')	100	104
880-22210-23	S-5 (2')	91	84
880-22210-24	S-5 (3')	105	93
880-22210-25	S-5 (4')	95	79
880-22210-26	S-5 (5')	99	101
880-22210-27	S-6 (0-1')	112	99
880-22210-28	S-6 (1.5')	101	100
880-22210-28 MS	S-6 (1.5')	119	96
880-22210-28 MSD	S-6 (1.5')	104	114
880-22210-29	S-6 (2')	102	100
880-22210-30	S-7 (0-1')	95	94
880-22210-31	S-7 (1.5')	98	78
880-22210-32	S-7 (2')	95	102
880-22210-33	S-8 (0-1')	100	101
880-22210-34	S-8 (1.5')	101	105
880-22210-35	S-8 (2')	92	96
880-22210-36	S-8 (3')	92	89
880-22216-A-1-A MS	Matrix Spike	136 S1+	91
880-22216-A-1-B MSD	Matrix Spike Duplicate	112	105
880-22311-A-1-A MS	Matrix Spike	91	95
880-22311-A-1-B MSD	Matrix Spike Duplicate	119	100
LCS 880-40900/1-A	Lab Control Sample	103	109
LCS 880-40901/1-A	Lab Control Sample	88	107
LCS 880-40902/1-A	Lab Control Sample	114	93
LCS 880-41030/1-A	Lab Control Sample	123	108
LCSD 880-40900/2-A	Lab Control Sample Dup	95	108

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-22210-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy 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 880-40901/2-A	Lab Control Sample Dup	92	107
LCSD 880-40902/2-A	Lab Control Sample Dup	130	93
LCSD 880-41030/2-A	Lab Control Sample Dup	106	105
MB 880-40587/5-A	Method Blank	84	103
MB 880-40873/5-A	Method Blank	90	99
MB 880-40900/5-A	Method Blank	92	99
MB 880-40901/5-A	Method Blank	69 S1-	109
MB 880-40902/5-A	Method Blank	93	96
MB 880-41030/5-A	Method Blank	88	98
MB 880-41160/5-A	Method Blank	67 S1-	103
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)
880-22210-1	S-1 (0-1')	140 S1+	133 S1+
880-22210-1 MS	S-1 (0-1')	131 S1+	111
880-22210-1 MSD	S-1 (0-1')	132 S1+	110
880-22210-2	S-1 (1.5')	133 S1+	128
880-22210-3	S-1 (2')	116	114
880-22210-4	S-1 (3')	125	114
880-22210-5	S-1 (4')	112	108
880-22210-6	S-2 (0-1')	117	115
880-22210-7	S-2 (1.5')	112	112
880-22210-8	S-2 (2')	127	124
880-22210-9	S-2 (3')	105	103
880-22210-10	S-2 (4')	131 S1+	121
880-22210-11	S-3 (0-1')	131 S1+	129
880-22210-12	S-3 (1.5')	112	111
880-22210-13	S-3 (2')	116	112
880-22210-14	S-3 (3')	106	105
880-22210-15	S-3 (4')	113	109
880-22210-16	S-4 (0-1')	135 S1+	128
880-22210-17	S-4 (1.5')	123	120
880-22210-18	S-4 (2')	112	111
880-22210-19	S-4 (3')	110	109
880-22210-20	S-4 (4')	128	125
880-22210-21	S-5 (0-1')	123	154 S1+
880-22210-21 MS	S-5 (0-1')	135 S1+	151 S1+
880-22210-21 MSD	S-5 (0-1')	136 S1+	153 S1+
880-22210-22	S-5 (1.5')	121	155 S1+
880-22210-23	S-5 (2')	126	158 S1+
880-22210-24	S-5 (3')	133 S1+	165 S1+
880-22210-25	S-5 (4')	125	157 S1+
880-22210-26	S-5 (5')	141 S1+	174 S1+

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-22210-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy 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)
880-22210-27	S-6 (0-1')	130	160 S1+
880-22210-28	S-6 (1.5')	137 S1+	166 S1+
880-22210-29	S-6 (2')	125	155 S1+
880-22210-30	S-7 (0-1')	125	157 S1+
880-22210-31	S-7 (1.5')	122	151 S1+
880-22210-32	S-7 (2')	121	152 S1+
880-22210-33	S-8 (0-1')	136 S1+	168 S1+
880-22210-34	S-8 (1.5')	125	156 S1+
880-22210-35	S-8 (2')	121	151 S1+
880-22210-36	S-8 (3')	121	150 S1+
LCS 880-40989/2-A	Lab Control Sample	125	132 S1+
LCS 880-40990/2-A	Lab Control Sample	191 S1+	232 S1+
LCSD 880-40989/3-A	Lab Control Sample Dup	141 S1+	131 S1+
LCSD 880-40990/3-A	Lab Control Sample Dup	163 S1+	198 S1+
MB 880-40989/1-A	Method Blank	123	120
MB 880-40990/1-A	Method Blank	117	147 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources

Job ID: 880-22210-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-40587/5-A

Matrix: Solid

Analysis Batch: 40979

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 40587

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/29/22 09:59	12/04/22 17:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/29/22 09:59	12/04/22 17:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/29/22 09:59	12/04/22 17:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/29/22 09:59	12/04/22 17:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/29/22 09:59	12/04/22 17:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/29/22 09:59	12/04/22 17:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	11/29/22 09:59	12/04/22 17:50	1
1,4-Difluorobenzene (Surr)	103		70 - 130	11/29/22 09:59	12/04/22 17:50	1

Lab Sample ID: MB 880-40873/5-A

Matrix: Solid

Analysis Batch: 41033

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 40873

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/02/22 10:18	12/05/22 15:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/22 10:18	12/05/22 15:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/22 10:18	12/05/22 15:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/02/22 10:18	12/05/22 15:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/22 10:18	12/05/22 15:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/02/22 10:18	12/05/22 15:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	12/02/22 10:18	12/05/22 15:26	1
1,4-Difluorobenzene (Surr)	99		70 - 130	12/02/22 10:18	12/05/22 15:26	1

Lab Sample ID: MB 880-40900/5-A

Matrix: Solid

Analysis Batch: 40979

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 40900

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 04:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 04:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 04:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/02/22 13:06	12/05/22 04:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:06	12/05/22 04:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/02/22 13:06	12/05/22 04:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	12/02/22 13:06	12/05/22 04:26	1
1,4-Difluorobenzene (Surr)	99		70 - 130	12/02/22 13:06	12/05/22 04:26	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-40900/1-A

Matrix: Solid

Analysis Batch: 40979

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 40900

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09916		mg/Kg		99	70 - 130
Toluene	0.100	0.08636		mg/Kg		86	70 - 130
Ethylbenzene	0.100	0.08682		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.1797		mg/Kg		90	70 - 130
o-Xylene	0.100	0.09469		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-40900/2-A

Matrix: Solid

Analysis Batch: 40979

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 40900

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1030		mg/Kg		103	70 - 130	4	35
Toluene	0.100	0.09018		mg/Kg		90	70 - 130	4	35
Ethylbenzene	0.100	0.08710		mg/Kg		87	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1785		mg/Kg		89	70 - 130	1	35
o-Xylene	0.100	0.09017		mg/Kg		90	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-22216-A-1-A MS

Matrix: Solid

Analysis Batch: 40979

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 40900

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U F1 F2	0.0998	0.07187		mg/Kg		72	70 - 130
Toluene	<0.00199	U F1 F2	0.0998	0.06691	F1	mg/Kg		67	70 - 130
Ethylbenzene	<0.00199	U F1 F2	0.0998	0.07175		mg/Kg		72	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.200	0.1461		mg/Kg		73	70 - 130
o-Xylene	<0.00199	U F1 F2	0.0998	0.07491		mg/Kg		75	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-22216-A-1-B MSD

Matrix: Solid

Analysis Batch: 40979

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 40900

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	0.100	0.04844	F1 F2	mg/Kg		48	70 - 130	39	35
Toluene	<0.00199	U F1 F2	0.100	0.04633	F1 F2	mg/Kg		46	70 - 130	36	35
Ethylbenzene	<0.00199	U F1 F2	0.100	0.04838	F1 F2	mg/Kg		48	70 - 130	39	35

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QC Sample Results

Client: Carmona Resources

Job ID: 880-22210-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22216-A-1-B MSD

Matrix: Solid

Analysis Batch: 40979

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 40900

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.201	0.09583	F1 F2	mg/Kg		48	70 - 130	42	35
o-Xylene	<0.00199	U F1 F2	0.100	0.05009	F1 F2	mg/Kg		50	70 - 130	40	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	112		70 - 130								
1,4-Difluorobenzene (Surr)	105		70 - 130								

Lab Sample ID: MB 880-40901/5-A

Matrix: Solid

Analysis Batch: 41157

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 40901

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:10	12/07/22 06:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:10	12/07/22 06:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:10	12/07/22 06:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/02/22 13:10	12/07/22 06:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:10	12/07/22 06:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/02/22 13:10	12/07/22 06:29	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130				12/02/22 13:10	12/07/22 06:29	1
1,4-Difluorobenzene (Surr)	109		70 - 130				12/02/22 13:10	12/07/22 06:29	1

Lab Sample ID: LCS 880-40901/1-A

Matrix: Solid

Analysis Batch: 41157

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 40901

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08457		mg/Kg		85	70 - 130
Toluene	0.100	0.09538		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.09161		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	0.200	0.1637		mg/Kg		82	70 - 130
o-Xylene	0.100	0.08260		mg/Kg		83	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	88		70 - 130				
1,4-Difluorobenzene (Surr)	107		70 - 130				

Lab Sample ID: LCSD 880-40901/2-A

Matrix: Solid

Analysis Batch: 41157

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 40901

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09719		mg/Kg		97	70 - 130	14	35
Toluene	0.100	0.1086		mg/Kg		109	70 - 130	13	35
Ethylbenzene	0.100	0.1028		mg/Kg		103	70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.1831		mg/Kg		92	70 - 130	11	35
o-Xylene	0.100	0.09127		mg/Kg		91	70 - 130	10	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-22210-1 MS

Matrix: Solid

Analysis Batch: 41157

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

Prep Type: Total/NA

Prep Batch: 40901

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F2 F1	0.0998	0.04610	F1	mg/Kg		46	70 - 130
Toluene	<0.00201	U F2 F1	0.0998	0.05340	F1	mg/Kg		54	70 - 130
Ethylbenzene	<0.00201	U F2 F1	0.0998	0.05051	F1	mg/Kg		51	70 - 130
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.200	0.08738	F1	mg/Kg		44	70 - 130
o-Xylene	<0.00201	U F2 F1	0.0998	0.04492	F1	mg/Kg		44	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	75		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-22210-1 MSD

Matrix: Solid

Analysis Batch: 41157

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

Prep Type: Total/NA

Prep Batch: 40901

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F2 F1	0.101	0.01252	F2 F1	mg/Kg		12	70 - 130	115	35
Toluene	<0.00201	U F2 F1	0.101	0.01766	F2 F1	mg/Kg		18	70 - 130	101	35
Ethylbenzene	<0.00201	U F2 F1	0.101	0.02026	F2 F1	mg/Kg		20	70 - 130	85	35
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.202	0.03847	F2 F1	mg/Kg		19	70 - 130	78	35
o-Xylene	<0.00201	U F2 F1	0.101	0.02239	F2 F1	mg/Kg		22	70 - 130	67	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-40902/5-A

Matrix: Solid

Analysis Batch: 41033

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 40902

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:13	12/06/22 02:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:13	12/06/22 02:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:13	12/06/22 02:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/02/22 13:13	12/06/22 02:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/02/22 13:13	12/06/22 02:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/02/22 13:13	12/06/22 02:00	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	93		70 - 130	12/02/22 13:13	12/06/22 02:00	1			
1,4-Difluorobenzene (Surr)	96		70 - 130	12/02/22 13:13	12/06/22 02:00	1			

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-40902/1-A

Matrix: Solid

Analysis Batch: 41033

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 40902

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09743		mg/Kg		97	70 - 130
Toluene	0.100	0.09740		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.1016		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.2132		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)	114		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-40902/2-A

Matrix: Solid

Analysis Batch: 41033

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 40902

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1011		mg/Kg		101	70 - 130	4	35
Toluene	0.100	0.1041		mg/Kg		104	70 - 130	7	35
Ethylbenzene	0.100	0.1146		mg/Kg		115	70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.2468		mg/Kg		123	70 - 130	15	35
o-Xylene	0.100	0.1236		mg/Kg		124	70 - 130	15	35

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

Lab Sample ID: 880-22210-28 MS

Matrix: Solid

Analysis Batch: 41033

Client Sample ID: S-6 (1.5')

Prep Type: Total/NA

Prep Batch: 40902

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F2 F1	0.0996	0.04506	F1	mg/Kg		45	70 - 130
Toluene	<0.00201	U F2 F1	0.0996	0.05574	F1	mg/Kg		56	70 - 130
Ethylbenzene	<0.00201	U F1	0.0996	0.06903	F1	mg/Kg		69	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.199	0.1362	F1	mg/Kg		68	70 - 130
o-Xylene	<0.00201	U F1	0.0996	0.06790	F1	mg/Kg		68	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-22210-28 MSD

Matrix: Solid

Analysis Batch: 41033

Client Sample ID: S-6 (1.5')

Prep Type: Total/NA

Prep Batch: 40902

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F2 F1	0.100	0.09287	F2	mg/Kg		93	70 - 130	69	35
Toluene	<0.00201	U F2 F1	0.100	0.08270	F2	mg/Kg		83	70 - 130	39	35
Ethylbenzene	<0.00201	U F1	0.100	0.08313		mg/Kg		83	70 - 130	19	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22210-28 MSD

Matrix: Solid

Analysis Batch: 41033

Client Sample ID: S-6 (1.5')

Prep Type: Total/NA

Prep Batch: 40902

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00402	U F1	0.200	0.1724		mg/Kg		86	70 - 130	23	35
o-Xylene	<0.00201	U F1	0.100	0.08493		mg/Kg		85	70 - 130	22	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	104		70 - 130								
1,4-Difluorobenzene (Surr)	114		70 - 130								

Lab Sample ID: MB 880-41030/5-A

Matrix: Solid

Analysis Batch: 41141

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41030

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/05/22 12:11	12/06/22 13:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/05/22 12:11	12/06/22 13:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/05/22 12:11	12/06/22 13:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/05/22 12:11	12/06/22 13:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/05/22 12:11	12/06/22 13:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/05/22 12:11	12/06/22 13:29	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				12/05/22 12:11	12/06/22 13:29	1
1,4-Difluorobenzene (Surr)	98		70 - 130				12/05/22 12:11	12/06/22 13:29	1

Lab Sample ID: LCS 880-41030/1-A

Matrix: Solid

Analysis Batch: 41141

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41030

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.1055		mg/Kg		106	70 - 130		
Toluene	0.100	0.1031		mg/Kg		103	70 - 130		
Ethylbenzene	0.100	0.1093		mg/Kg		109	70 - 130		
m-Xylene & p-Xylene	0.200	0.2342		mg/Kg		117	70 - 130		
o-Xylene	0.100	0.1182		mg/Kg		118	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	123		70 - 130						
1,4-Difluorobenzene (Surr)	108		70 - 130						

Lab Sample ID: LCSD 880-41030/2-A

Matrix: Solid

Analysis Batch: 41141

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41030

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1118		mg/Kg		112	70 - 130	6	35
Toluene	0.100	0.1045		mg/Kg		105	70 - 130	1	35
Ethylbenzene	0.100	0.1055		mg/Kg		106	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2194		mg/Kg		110	70 - 130	7	35
o-Xylene	0.100	0.1078		mg/Kg		108	70 - 130	9	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-22311-A-1-A MS

Matrix: Solid

Analysis Batch: 41141

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 41030

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.100	0.07231		mg/Kg		72	70 - 130
Toluene	<0.00199	U	0.100	0.07690		mg/Kg		76	70 - 130
Ethylbenzene	<0.00199	U	0.100	0.07946		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.201	0.1440		mg/Kg		72	70 - 130
o-Xylene	<0.00199	U	0.100	0.07074		mg/Kg		70	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-22311-A-1-B MSD

Matrix: Solid

Analysis Batch: 41141

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 41030

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	0.07253		mg/Kg		73	70 - 130	0	35
Toluene	<0.00199	U	0.0990	0.08116		mg/Kg		81	70 - 130	5	35
Ethylbenzene	<0.00199	U	0.0990	0.09289		mg/Kg		94	70 - 130	16	35
m-Xylene & p-Xylene	<0.00398	U	0.198	0.1812		mg/Kg		92	70 - 130	23	35
o-Xylene	<0.00199	U	0.0990	0.08824		mg/Kg		89	70 - 130	22	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-41160/5-A

Matrix: Solid

Analysis Batch: 41157

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41160

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/06/22 11:32	12/06/22 18:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/06/22 11:32	12/06/22 18:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/06/22 11:32	12/06/22 18:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/06/22 11:32	12/06/22 18:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/06/22 11:32	12/06/22 18:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/06/22 11:32	12/06/22 18:55	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130	12/06/22 11:32	12/06/22 18:55	1			
1,4-Difluorobenzene (Surr)	103		70 - 130	12/06/22 11:32	12/06/22 18:55	1			

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-40989/1-A

Matrix: Solid

Analysis Batch: 40985

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 40989

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		12/05/22 08:23	12/05/22 08:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 08:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/05/22 08:23	12/05/22 08:55	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				12/05/22 08:23	12/05/22 08:55	1
o-Terphenyl	120		70 - 130				12/05/22 08:23	12/05/22 08:55	1

Lab Sample ID: LCS 880-40989/2-A

Matrix: Solid

Analysis Batch: 40985

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 40989

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	856.3		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	1000	977.3		mg/Kg		98	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	125		70 - 130				
o-Terphenyl	132	S1+	70 - 130				

Lab Sample ID: LCSD 880-40989/3-A

Matrix: Solid

Analysis Batch: 40985

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 40989

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1024		mg/Kg		102	70 - 130	18	20
Diesel Range Organics (Over C10-C28)	1000	964.9		mg/Kg		96	70 - 130	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	141	S1+	70 - 130						
o-Terphenyl	131	S1+	70 - 130						

Lab Sample ID: 880-22210-1 MS

Matrix: Solid

Analysis Batch: 40985

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

Prep Type: Total/NA

Prep Batch: 40989

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	999	963.6		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	61.0		999	875.9		mg/Kg		82	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22210-1 MS

Matrix: Solid

Analysis Batch: 40985

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

Prep Type: Total/NA

Prep Batch: 40989

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	131	S1+	70 - 130
o-Terphenyl	111		70 - 130

Lab Sample ID: 880-22210-1 MSD

Matrix: Solid

Analysis Batch: 40985

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

Prep Type: Total/NA

Prep Batch: 40989

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	997	842.6		mg/Kg		85	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	61.0		997	878.5		mg/Kg		82	70 - 130	0	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	132	S1+	70 - 130
o-Terphenyl	110		70 - 130

Lab Sample ID: MB 880-40990/1-A

Matrix: Solid

Analysis Batch: 40987

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 40990

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		12/05/22 08:24	12/05/22 08:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/05/22 08:24	12/05/22 08:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/05/22 08:24	12/05/22 08:55	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	117		70 - 130	12/05/22 08:24	12/05/22 08:55	1			
o-Terphenyl	147	S1+	70 - 130	12/05/22 08:24	12/05/22 08:55	1			

Lab Sample ID: LCS 880-40990/2-A

Matrix: Solid

Analysis Batch: 40987

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 40990

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1047		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1202		mg/Kg		120	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	191	S1+	70 - 130
o-Terphenyl	232	S1+	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-40990/3-A

Matrix: Solid

Analysis Batch: 40987

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 40990

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	990.9		mg/Kg		99	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	971.8	*1	mg/Kg		97	70 - 130	21	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	163	S1+	70 - 130						
o-Terphenyl	198	S1+	70 - 130						

Lab Sample ID: 880-22210-21 MS

Matrix: Solid

Analysis Batch: 40987

Client Sample ID: S-5 (0-1')

Prep Type: Total/NA

Prep Batch: 40990

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	999	965.5		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U *1	999	1139		mg/Kg		112	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	135	S1+	70 - 130								
o-Terphenyl	151	S1+	70 - 130								

Lab Sample ID: 880-22210-21 MSD

Matrix: Solid

Analysis Batch: 40987

Client Sample ID: S-5 (0-1')

Prep Type: Total/NA

Prep Batch: 40990

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	997	950.8		mg/Kg		95	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U *1	997	1142		mg/Kg		113	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	136	S1+	70 - 130								
o-Terphenyl	153	S1+	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-40944/1-A

Matrix: Solid

Analysis Batch: 40964

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			12/05/22 20:47	1

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QC Sample Results

Client: Carmona Resources

Job ID: 880-22210-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-40944/2-A

Matrix: Solid

Analysis Batch: 40964

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	245.2		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-40944/3-A

Matrix: Solid

Analysis Batch: 40964

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	248.6		mg/Kg		99	90 - 110	1	20

Lab Sample ID: 880-22173-A-1-C MS

Matrix: Solid

Analysis Batch: 40964

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	218	F1	251	515.2	F1	mg/Kg		119	90 - 110

Lab Sample ID: 880-22173-A-1-D MSD

Matrix: Solid

Analysis Batch: 40964

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	218	F1	251	524.6	F1	mg/Kg		122	90 - 110	2	20

Lab Sample ID: MB 880-40945/1-A

Matrix: Solid

Analysis Batch: 41018

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			12/06/22 06:12	1

Lab Sample ID: LCS 880-40945/2-A

Matrix: Solid

Analysis Batch: 41018

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	261.6		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-40945/3-A

Matrix: Solid

Analysis Batch: 41018

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	262.9		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-22210-1 MS

Matrix: Solid

Analysis Batch: 41018

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1200		2510	3777		mg/Kg		103	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-22210-1 MSD

Matrix: Solid

Analysis Batch: 41018

Client Sample ID: S-1 (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	1200		2510	3774		mg/Kg		103	90 - 110	0	20

Lab Sample ID: MB 880-40947/1-A

Matrix: Solid

Analysis Batch: 41019

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			12/06/22 11:53	1

Lab Sample ID: LCS 880-40947/2-A

Matrix: Solid

Analysis Batch: 41019

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	269.1		mg/Kg		108	90 - 110

Lab Sample ID: LCSD 880-40947/3-A

Matrix: Solid

Analysis Batch: 41019

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	270.3		mg/Kg		108	90 - 110	0	20

Lab Sample ID: 880-22210-11 MS

Matrix: Solid

Analysis Batch: 41019

Client Sample ID: S-3 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	762	F1	2490	3529	F1	mg/Kg		111	90 - 110

Lab Sample ID: 880-22210-11 MSD

Matrix: Solid

Analysis Batch: 41019

Client Sample ID: S-3 (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	762	F1	2490	3499		mg/Kg		110	90 - 110	1	20

Lab Sample ID: 880-22210-21 MS

Matrix: Solid

Analysis Batch: 41019

Client Sample ID: S-5 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3070	F1	4990	8711	F1	mg/Kg		113	90 - 110

Lab Sample ID: 880-22210-21 MSD

Matrix: Solid

Analysis Batch: 41019

Client Sample ID: S-5 (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	3070	F1	4990	8713	F1	mg/Kg		113	90 - 110	0	20

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QC Association Summary

Client: Carmona Resources

Job ID: 880-22210-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 40587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-40587/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 40873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-40873/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 40900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-21	S-5 (0-1')	Total/NA	Solid	5035	
880-22210-22	S-5 (1.5')	Total/NA	Solid	5035	
880-22210-23	S-5 (2')	Total/NA	Solid	5035	
880-22210-24	S-5 (3')	Total/NA	Solid	5035	
880-22210-25	S-5 (4')	Total/NA	Solid	5035	
880-22210-26	S-5 (5')	Total/NA	Solid	5035	
880-22210-27	S-6 (0-1')	Total/NA	Solid	5035	
MB 880-40900/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-40900/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-40900/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-22216-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-22216-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 40901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-1	S-1 (0-1')	Total/NA	Solid	5035	
880-22210-2	S-1 (1.5')	Total/NA	Solid	5035	
880-22210-3	S-1 (2')	Total/NA	Solid	5035	
880-22210-4	S-1 (3')	Total/NA	Solid	5035	
880-22210-5	S-1 (4')	Total/NA	Solid	5035	
880-22210-6	S-2 (0-1')	Total/NA	Solid	5035	
880-22210-7	S-2 (1.5')	Total/NA	Solid	5035	
880-22210-8	S-2 (2')	Total/NA	Solid	5035	
880-22210-9	S-2 (3')	Total/NA	Solid	5035	
880-22210-10	S-2 (4')	Total/NA	Solid	5035	
880-22210-11	S-3 (0-1')	Total/NA	Solid	5035	
880-22210-12	S-3 (1.5')	Total/NA	Solid	5035	
880-22210-13	S-3 (2')	Total/NA	Solid	5035	
880-22210-14	S-3 (3')	Total/NA	Solid	5035	
880-22210-15	S-3 (4')	Total/NA	Solid	5035	
880-22210-16	S-4 (0-1')	Total/NA	Solid	5035	
880-22210-17	S-4 (1.5')	Total/NA	Solid	5035	
880-22210-18	S-4 (2')	Total/NA	Solid	5035	
880-22210-19	S-4 (3')	Total/NA	Solid	5035	
880-22210-20	S-4 (4')	Total/NA	Solid	5035	
MB 880-40901/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-40901/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-40901/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-22210-1 MS	S-1 (0-1')	Total/NA	Solid	5035	
880-22210-1 MSD	S-1 (0-1')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-22210-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 40902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-28	S-6 (1.5')	Total/NA	Solid	5035	
880-22210-29	S-6 (2')	Total/NA	Solid	5035	
880-22210-30	S-7 (0-1')	Total/NA	Solid	5035	
880-22210-31	S-7 (1.5')	Total/NA	Solid	5035	
880-22210-32	S-7 (2')	Total/NA	Solid	5035	
MB 880-40902/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-40902/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-40902/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-22210-28 MS	S-6 (1.5')	Total/NA	Solid	5035	
880-22210-28 MSD	S-6 (1.5')	Total/NA	Solid	5035	

Analysis Batch: 40979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-21	S-5 (0-1')	Total/NA	Solid	8021B	40900
880-22210-22	S-5 (1.5')	Total/NA	Solid	8021B	40900
880-22210-23	S-5 (2')	Total/NA	Solid	8021B	40900
880-22210-24	S-5 (3')	Total/NA	Solid	8021B	40900
880-22210-25	S-5 (4')	Total/NA	Solid	8021B	40900
880-22210-26	S-5 (5')	Total/NA	Solid	8021B	40900
880-22210-27	S-6 (0-1')	Total/NA	Solid	8021B	40900
MB 880-40587/5-A	Method Blank	Total/NA	Solid	8021B	40587
MB 880-40900/5-A	Method Blank	Total/NA	Solid	8021B	40900
LCS 880-40900/1-A	Lab Control Sample	Total/NA	Solid	8021B	40900
LCSD 880-40900/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	40900
880-22216-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	40900
880-22216-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	40900

Prep Batch: 41030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-33	S-8 (0-1')	Total/NA	Solid	5035	
880-22210-34	S-8 (1.5')	Total/NA	Solid	5035	
880-22210-35	S-8 (2')	Total/NA	Solid	5035	
880-22210-36	S-8 (3')	Total/NA	Solid	5035	
MB 880-41030/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-41030/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-41030/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-22311-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-22311-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 41033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-28	S-6 (1.5')	Total/NA	Solid	8021B	40902
880-22210-29	S-6 (2')	Total/NA	Solid	8021B	40902
880-22210-30	S-7 (0-1')	Total/NA	Solid	8021B	40902
880-22210-31	S-7 (1.5')	Total/NA	Solid	8021B	40902
880-22210-32	S-7 (2')	Total/NA	Solid	8021B	40902
MB 880-40873/5-A	Method Blank	Total/NA	Solid	8021B	40873
MB 880-40902/5-A	Method Blank	Total/NA	Solid	8021B	40902
LCS 880-40902/1-A	Lab Control Sample	Total/NA	Solid	8021B	40902
LCSD 880-40902/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	40902
880-22210-28 MS	S-6 (1.5')	Total/NA	Solid	8021B	40902

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 41033 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-28 MSD	S-6 (1.5')	Total/NA	Solid	8021B	40902

Analysis Batch: 41051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-22210-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-22210-3	S-1 (2')	Total/NA	Solid	Total BTEX	
880-22210-4	S-1 (3')	Total/NA	Solid	Total BTEX	
880-22210-5	S-1 (4')	Total/NA	Solid	Total BTEX	
880-22210-6	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-22210-7	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-22210-8	S-2 (2')	Total/NA	Solid	Total BTEX	
880-22210-9	S-2 (3')	Total/NA	Solid	Total BTEX	
880-22210-10	S-2 (4')	Total/NA	Solid	Total BTEX	
880-22210-11	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-22210-12	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-22210-13	S-3 (2')	Total/NA	Solid	Total BTEX	
880-22210-14	S-3 (3')	Total/NA	Solid	Total BTEX	
880-22210-15	S-3 (4')	Total/NA	Solid	Total BTEX	
880-22210-16	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-22210-17	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-22210-18	S-4 (2')	Total/NA	Solid	Total BTEX	
880-22210-19	S-4 (3')	Total/NA	Solid	Total BTEX	
880-22210-20	S-4 (4')	Total/NA	Solid	Total BTEX	
880-22210-21	S-5 (0-1')	Total/NA	Solid	Total BTEX	
880-22210-22	S-5 (1.5')	Total/NA	Solid	Total BTEX	
880-22210-23	S-5 (2')	Total/NA	Solid	Total BTEX	
880-22210-24	S-5 (3')	Total/NA	Solid	Total BTEX	
880-22210-25	S-5 (4')	Total/NA	Solid	Total BTEX	
880-22210-26	S-5 (5')	Total/NA	Solid	Total BTEX	
880-22210-27	S-6 (0-1')	Total/NA	Solid	Total BTEX	
880-22210-28	S-6 (1.5')	Total/NA	Solid	Total BTEX	
880-22210-29	S-6 (2')	Total/NA	Solid	Total BTEX	
880-22210-30	S-7 (0-1')	Total/NA	Solid	Total BTEX	
880-22210-31	S-7 (1.5')	Total/NA	Solid	Total BTEX	
880-22210-32	S-7 (2')	Total/NA	Solid	Total BTEX	
880-22210-33	S-8 (0-1')	Total/NA	Solid	Total BTEX	
880-22210-34	S-8 (1.5')	Total/NA	Solid	Total BTEX	
880-22210-35	S-8 (2')	Total/NA	Solid	Total BTEX	
880-22210-36	S-8 (3')	Total/NA	Solid	Total BTEX	

Analysis Batch: 41141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-33	S-8 (0-1')	Total/NA	Solid	8021B	41030
880-22210-34	S-8 (1.5')	Total/NA	Solid	8021B	41030
880-22210-35	S-8 (2')	Total/NA	Solid	8021B	41030
880-22210-36	S-8 (3')	Total/NA	Solid	8021B	41030
MB 880-41030/5-A	Method Blank	Total/NA	Solid	8021B	41030
LCS 880-41030/1-A	Lab Control Sample	Total/NA	Solid	8021B	41030
LCSD 880-41030/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	41030
880-22311-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	41030

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 41141 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22311-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	41030

Analysis Batch: 41157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-1	S-1 (0-1')	Total/NA	Solid	8021B	40901
880-22210-2	S-1 (1.5')	Total/NA	Solid	8021B	40901
880-22210-3	S-1 (2')	Total/NA	Solid	8021B	40901
880-22210-4	S-1 (3')	Total/NA	Solid	8021B	40901
880-22210-5	S-1 (4')	Total/NA	Solid	8021B	40901
880-22210-6	S-2 (0-1')	Total/NA	Solid	8021B	40901
880-22210-7	S-2 (1.5')	Total/NA	Solid	8021B	40901
880-22210-8	S-2 (2')	Total/NA	Solid	8021B	40901
880-22210-9	S-2 (3')	Total/NA	Solid	8021B	40901
880-22210-10	S-2 (4')	Total/NA	Solid	8021B	40901
880-22210-11	S-3 (0-1')	Total/NA	Solid	8021B	40901
880-22210-12	S-3 (1.5')	Total/NA	Solid	8021B	40901
880-22210-13	S-3 (2')	Total/NA	Solid	8021B	40901
880-22210-14	S-3 (3')	Total/NA	Solid	8021B	40901
880-22210-15	S-3 (4')	Total/NA	Solid	8021B	40901
880-22210-16	S-4 (0-1')	Total/NA	Solid	8021B	40901
880-22210-17	S-4 (1.5')	Total/NA	Solid	8021B	40901
880-22210-18	S-4 (2')	Total/NA	Solid	8021B	40901
880-22210-19	S-4 (3')	Total/NA	Solid	8021B	40901
880-22210-20	S-4 (4')	Total/NA	Solid	8021B	40901
MB 880-40901/5-A	Method Blank	Total/NA	Solid	8021B	40901
MB 880-41160/5-A	Method Blank	Total/NA	Solid	8021B	41160
LCS 880-40901/1-A	Lab Control Sample	Total/NA	Solid	8021B	40901
LCSD 880-40901/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	40901
880-22210-1 MS	S-1 (0-1')	Total/NA	Solid	8021B	40901
880-22210-1 MSD	S-1 (0-1')	Total/NA	Solid	8021B	40901

Prep Batch: 41160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-41160/5-A	Method Blank	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 40985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-1	S-1 (0-1')	Total/NA	Solid	8015B NM	40989
880-22210-2	S-1 (1.5')	Total/NA	Solid	8015B NM	40989
880-22210-3	S-1 (2')	Total/NA	Solid	8015B NM	40989
880-22210-4	S-1 (3')	Total/NA	Solid	8015B NM	40989
880-22210-5	S-1 (4')	Total/NA	Solid	8015B NM	40989
880-22210-6	S-2 (0-1')	Total/NA	Solid	8015B NM	40989
880-22210-7	S-2 (1.5')	Total/NA	Solid	8015B NM	40989
880-22210-8	S-2 (2')	Total/NA	Solid	8015B NM	40989
880-22210-9	S-2 (3')	Total/NA	Solid	8015B NM	40989
880-22210-10	S-2 (4')	Total/NA	Solid	8015B NM	40989
880-22210-11	S-3 (0-1')	Total/NA	Solid	8015B NM	40989
880-22210-12	S-3 (1.5')	Total/NA	Solid	8015B NM	40989

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-22210-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 40985 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-13	S-3 (2')	Total/NA	Solid	8015B NM	40989
880-22210-14	S-3 (3')	Total/NA	Solid	8015B NM	40989
880-22210-15	S-3 (4')	Total/NA	Solid	8015B NM	40989
880-22210-16	S-4 (0-1')	Total/NA	Solid	8015B NM	40989
880-22210-17	S-4 (1.5')	Total/NA	Solid	8015B NM	40989
880-22210-18	S-4 (2')	Total/NA	Solid	8015B NM	40989
880-22210-19	S-4 (3')	Total/NA	Solid	8015B NM	40989
880-22210-20	S-4 (4')	Total/NA	Solid	8015B NM	40989
MB 880-40989/1-A	Method Blank	Total/NA	Solid	8015B NM	40989
LCS 880-40989/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	40989
LCSD 880-40989/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	40989
880-22210-1 MS	S-1 (0-1')	Total/NA	Solid	8015B NM	40989
880-22210-1 MSD	S-1 (0-1')	Total/NA	Solid	8015B NM	40989

Analysis Batch: 40987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-21	S-5 (0-1')	Total/NA	Solid	8015B NM	40990
880-22210-22	S-5 (1.5')	Total/NA	Solid	8015B NM	40990
880-22210-23	S-5 (2')	Total/NA	Solid	8015B NM	40990
880-22210-24	S-5 (3')	Total/NA	Solid	8015B NM	40990
880-22210-25	S-5 (4')	Total/NA	Solid	8015B NM	40990
880-22210-26	S-5 (5')	Total/NA	Solid	8015B NM	40990
880-22210-27	S-6 (0-1')	Total/NA	Solid	8015B NM	40990
880-22210-28	S-6 (1.5')	Total/NA	Solid	8015B NM	40990
880-22210-29	S-6 (2')	Total/NA	Solid	8015B NM	40990
880-22210-30	S-7 (0-1')	Total/NA	Solid	8015B NM	40990
880-22210-31	S-7 (1.5')	Total/NA	Solid	8015B NM	40990
880-22210-32	S-7 (2')	Total/NA	Solid	8015B NM	40990
880-22210-33	S-8 (0-1')	Total/NA	Solid	8015B NM	40990
880-22210-34	S-8 (1.5')	Total/NA	Solid	8015B NM	40990
880-22210-35	S-8 (2')	Total/NA	Solid	8015B NM	40990
880-22210-36	S-8 (3')	Total/NA	Solid	8015B NM	40990
MB 880-40990/1-A	Method Blank	Total/NA	Solid	8015B NM	40990
LCS 880-40990/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	40990
LCSD 880-40990/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	40990
880-22210-21 MS	S-5 (0-1')	Total/NA	Solid	8015B NM	40990
880-22210-21 MSD	S-5 (0-1')	Total/NA	Solid	8015B NM	40990

Prep Batch: 40989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-22210-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-22210-3	S-1 (2')	Total/NA	Solid	8015NM Prep	
880-22210-4	S-1 (3')	Total/NA	Solid	8015NM Prep	
880-22210-5	S-1 (4')	Total/NA	Solid	8015NM Prep	
880-22210-6	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-22210-7	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-22210-8	S-2 (2')	Total/NA	Solid	8015NM Prep	
880-22210-9	S-2 (3')	Total/NA	Solid	8015NM Prep	
880-22210-10	S-2 (4')	Total/NA	Solid	8015NM Prep	
880-22210-11	S-3 (0-1')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-22210-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 40989 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-12	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-22210-13	S-3 (2')	Total/NA	Solid	8015NM Prep	
880-22210-14	S-3 (3')	Total/NA	Solid	8015NM Prep	
880-22210-15	S-3 (4')	Total/NA	Solid	8015NM Prep	
880-22210-16	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-22210-17	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-22210-18	S-4 (2')	Total/NA	Solid	8015NM Prep	
880-22210-19	S-4 (3')	Total/NA	Solid	8015NM Prep	
880-22210-20	S-4 (4')	Total/NA	Solid	8015NM Prep	
MB 880-40989/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-40989/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-40989/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-22210-1 MS	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-22210-1 MSD	S-1 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 40990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-21	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-22210-22	S-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-22210-23	S-5 (2')	Total/NA	Solid	8015NM Prep	
880-22210-24	S-5 (3')	Total/NA	Solid	8015NM Prep	
880-22210-25	S-5 (4')	Total/NA	Solid	8015NM Prep	
880-22210-26	S-5 (5')	Total/NA	Solid	8015NM Prep	
880-22210-27	S-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-22210-28	S-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-22210-29	S-6 (2')	Total/NA	Solid	8015NM Prep	
880-22210-30	S-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-22210-31	S-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-22210-32	S-7 (2')	Total/NA	Solid	8015NM Prep	
880-22210-33	S-8 (0-1')	Total/NA	Solid	8015NM Prep	
880-22210-34	S-8 (1.5')	Total/NA	Solid	8015NM Prep	
880-22210-35	S-8 (2')	Total/NA	Solid	8015NM Prep	
880-22210-36	S-8 (3')	Total/NA	Solid	8015NM Prep	
MB 880-40990/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-40990/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-40990/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-22210-21 MS	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-22210-21 MSD	S-5 (0-1')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 41125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-22210-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-22210-3	S-1 (2')	Total/NA	Solid	8015 NM	
880-22210-4	S-1 (3')	Total/NA	Solid	8015 NM	
880-22210-5	S-1 (4')	Total/NA	Solid	8015 NM	
880-22210-6	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-22210-7	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-22210-8	S-2 (2')	Total/NA	Solid	8015 NM	
880-22210-9	S-2 (3')	Total/NA	Solid	8015 NM	
880-22210-10	S-2 (4')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-22210-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 41125 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-11	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-22210-12	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-22210-13	S-3 (2')	Total/NA	Solid	8015 NM	
880-22210-14	S-3 (3')	Total/NA	Solid	8015 NM	
880-22210-15	S-3 (4')	Total/NA	Solid	8015 NM	
880-22210-16	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-22210-17	S-4 (1.5')	Total/NA	Solid	8015 NM	
880-22210-18	S-4 (2')	Total/NA	Solid	8015 NM	
880-22210-19	S-4 (3')	Total/NA	Solid	8015 NM	
880-22210-20	S-4 (4')	Total/NA	Solid	8015 NM	
880-22210-21	S-5 (0-1')	Total/NA	Solid	8015 NM	
880-22210-22	S-5 (1.5')	Total/NA	Solid	8015 NM	
880-22210-23	S-5 (2')	Total/NA	Solid	8015 NM	
880-22210-24	S-5 (3')	Total/NA	Solid	8015 NM	
880-22210-25	S-5 (4')	Total/NA	Solid	8015 NM	
880-22210-26	S-5 (5')	Total/NA	Solid	8015 NM	
880-22210-27	S-6 (0-1')	Total/NA	Solid	8015 NM	
880-22210-28	S-6 (1.5')	Total/NA	Solid	8015 NM	
880-22210-29	S-6 (2')	Total/NA	Solid	8015 NM	
880-22210-30	S-7 (0-1')	Total/NA	Solid	8015 NM	
880-22210-31	S-7 (1.5')	Total/NA	Solid	8015 NM	
880-22210-32	S-7 (2')	Total/NA	Solid	8015 NM	
880-22210-33	S-8 (0-1')	Total/NA	Solid	8015 NM	
880-22210-34	S-8 (1.5')	Total/NA	Solid	8015 NM	
880-22210-35	S-8 (2')	Total/NA	Solid	8015 NM	
880-22210-36	S-8 (3')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 40944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-31	S-7 (1.5')	Soluble	Solid	DI Leach	
880-22210-32	S-7 (2')	Soluble	Solid	DI Leach	
880-22210-33	S-8 (0-1')	Soluble	Solid	DI Leach	
880-22210-34	S-8 (1.5')	Soluble	Solid	DI Leach	
880-22210-35	S-8 (2')	Soluble	Solid	DI Leach	
880-22210-36	S-8 (3')	Soluble	Solid	DI Leach	
MB 880-40944/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-40944/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-40944/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-22173-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-22173-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 40945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-22210-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-22210-3	S-1 (2')	Soluble	Solid	DI Leach	
880-22210-4	S-1 (3')	Soluble	Solid	DI Leach	
880-22210-5	S-1 (4')	Soluble	Solid	DI Leach	
880-22210-6	S-2 (0-1')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 40945 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-7	S-2 (1.5')	Soluble	Solid	DI Leach	
880-22210-8	S-2 (2')	Soluble	Solid	DI Leach	
880-22210-9	S-2 (3')	Soluble	Solid	DI Leach	
880-22210-10	S-2 (4')	Soluble	Solid	DI Leach	
MB 880-40945/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-40945/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-40945/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-22210-1 MS	S-1 (0-1')	Soluble	Solid	DI Leach	
880-22210-1 MSD	S-1 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 40947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-11	S-3 (0-1')	Soluble	Solid	DI Leach	
880-22210-12	S-3 (1.5')	Soluble	Solid	DI Leach	
880-22210-13	S-3 (2')	Soluble	Solid	DI Leach	
880-22210-14	S-3 (3')	Soluble	Solid	DI Leach	
880-22210-15	S-3 (4')	Soluble	Solid	DI Leach	
880-22210-16	S-4 (0-1')	Soluble	Solid	DI Leach	
880-22210-17	S-4 (1.5')	Soluble	Solid	DI Leach	
880-22210-18	S-4 (2')	Soluble	Solid	DI Leach	
880-22210-19	S-4 (3')	Soluble	Solid	DI Leach	
880-22210-20	S-4 (4')	Soluble	Solid	DI Leach	
880-22210-21	S-5 (0-1')	Soluble	Solid	DI Leach	
880-22210-22	S-5 (1.5')	Soluble	Solid	DI Leach	
880-22210-23	S-5 (2')	Soluble	Solid	DI Leach	
880-22210-24	S-5 (3')	Soluble	Solid	DI Leach	
880-22210-25	S-5 (4')	Soluble	Solid	DI Leach	
880-22210-26	S-5 (5')	Soluble	Solid	DI Leach	
880-22210-27	S-6 (0-1')	Soluble	Solid	DI Leach	
880-22210-28	S-6 (1.5')	Soluble	Solid	DI Leach	
880-22210-29	S-6 (2')	Soluble	Solid	DI Leach	
880-22210-30	S-7 (0-1')	Soluble	Solid	DI Leach	
MB 880-40947/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-40947/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-40947/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-22210-11 MS	S-3 (0-1')	Soluble	Solid	DI Leach	
880-22210-11 MSD	S-3 (0-1')	Soluble	Solid	DI Leach	
880-22210-21 MS	S-5 (0-1')	Soluble	Solid	DI Leach	
880-22210-21 MSD	S-5 (0-1')	Soluble	Solid	DI Leach	

Analysis Batch: 40964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-31	S-7 (1.5')	Soluble	Solid	300.0	40944
880-22210-32	S-7 (2')	Soluble	Solid	300.0	40944
880-22210-33	S-8 (0-1')	Soluble	Solid	300.0	40944
880-22210-34	S-8 (1.5')	Soluble	Solid	300.0	40944
880-22210-35	S-8 (2')	Soluble	Solid	300.0	40944
880-22210-36	S-8 (3')	Soluble	Solid	300.0	40944
MB 880-40944/1-A	Method Blank	Soluble	Solid	300.0	40944
LCS 880-40944/2-A	Lab Control Sample	Soluble	Solid	300.0	40944
LCSD 880-40944/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	40944

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QC Association Summary

Client: Carmona Resources

Job ID: 880-22210-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 40964 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22173-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	40944
880-22173-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	40944

Analysis Batch: 41018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-1	S-1 (0-1')	Soluble	Solid	300.0	40945
880-22210-2	S-1 (1.5')	Soluble	Solid	300.0	40945
880-22210-3	S-1 (2')	Soluble	Solid	300.0	40945
880-22210-4	S-1 (3')	Soluble	Solid	300.0	40945
880-22210-5	S-1 (4')	Soluble	Solid	300.0	40945
880-22210-6	S-2 (0-1')	Soluble	Solid	300.0	40945
880-22210-7	S-2 (1.5')	Soluble	Solid	300.0	40945
880-22210-8	S-2 (2')	Soluble	Solid	300.0	40945
880-22210-9	S-2 (3')	Soluble	Solid	300.0	40945
880-22210-10	S-2 (4')	Soluble	Solid	300.0	40945
MB 880-40945/1-A	Method Blank	Soluble	Solid	300.0	40945
LCS 880-40945/2-A	Lab Control Sample	Soluble	Solid	300.0	40945
LCSD 880-40945/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	40945
880-22210-1 MS	S-1 (0-1')	Soluble	Solid	300.0	40945
880-22210-1 MSD	S-1 (0-1')	Soluble	Solid	300.0	40945

Analysis Batch: 41019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22210-11	S-3 (0-1')	Soluble	Solid	300.0	40947
880-22210-12	S-3 (1.5')	Soluble	Solid	300.0	40947
880-22210-13	S-3 (2')	Soluble	Solid	300.0	40947
880-22210-14	S-3 (3')	Soluble	Solid	300.0	40947
880-22210-15	S-3 (4')	Soluble	Solid	300.0	40947
880-22210-16	S-4 (0-1')	Soluble	Solid	300.0	40947
880-22210-17	S-4 (1.5')	Soluble	Solid	300.0	40947
880-22210-18	S-4 (2')	Soluble	Solid	300.0	40947
880-22210-19	S-4 (3')	Soluble	Solid	300.0	40947
880-22210-20	S-4 (4')	Soluble	Solid	300.0	40947
880-22210-21	S-5 (0-1')	Soluble	Solid	300.0	40947
880-22210-22	S-5 (1.5')	Soluble	Solid	300.0	40947
880-22210-23	S-5 (2')	Soluble	Solid	300.0	40947
880-22210-24	S-5 (3')	Soluble	Solid	300.0	40947
880-22210-25	S-5 (4')	Soluble	Solid	300.0	40947
880-22210-26	S-5 (5')	Soluble	Solid	300.0	40947
880-22210-27	S-6 (0-1')	Soluble	Solid	300.0	40947
880-22210-28	S-6 (1.5')	Soluble	Solid	300.0	40947
880-22210-29	S-6 (2')	Soluble	Solid	300.0	40947
880-22210-30	S-7 (0-1')	Soluble	Solid	300.0	40947
MB 880-40947/1-A	Method Blank	Soluble	Solid	300.0	40947
LCS 880-40947/2-A	Lab Control Sample	Soluble	Solid	300.0	40947
LCSD 880-40947/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	40947
880-22210-11 MS	S-3 (0-1')	Soluble	Solid	300.0	40947
880-22210-11 MSD	S-3 (0-1')	Soluble	Solid	300.0	40947
880-22210-21 MS	S-5 (0-1')	Soluble	Solid	300.0	40947
880-22210-21 MSD	S-5 (0-1')	Soluble	Solid	300.0	40947

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22210-1

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40901	12/02/22 13:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41157	12/07/22 06:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/07/22 10:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 09:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	40989	12/05/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40985	12/05/22 11:32	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	40945	12/03/22 11:06	SMC	EET MID
Soluble	Analysis	300.0		10			41018	12/06/22 08:05	CH	EET MID

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-22210-2

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40901	12/02/22 13:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41157	12/07/22 07:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/07/22 10:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 09:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	40989	12/05/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40985	12/05/22 12:39	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	40945	12/03/22 11:06	SMC	EET MID
Soluble	Analysis	300.0		20			41018	12/06/22 08:25	CH	EET MID

Client Sample ID: S-1 (2')

Lab Sample ID: 880-22210-3

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40901	12/02/22 13:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41157	12/07/22 07:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/07/22 10:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 09:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	40989	12/05/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40985	12/05/22 13:01	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	40945	12/03/22 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			41018	12/06/22 08:31	CH	EET MID

Client Sample ID: S-1 (3')

Lab Sample ID: 880-22210-4

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40901	12/02/22 13:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41157	12/07/22 07:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/07/22 10:39	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (3')

Lab Sample ID: 880-22210-4

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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			41125	12/06/22 09:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	40989	12/05/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40985	12/05/22 13:23	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	40945	12/03/22 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			41018	12/06/22 08:51	CH	EET MID

Client Sample ID: S-1 (4')

Lab Sample ID: 880-22210-5

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40901	12/02/22 13:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41157	12/07/22 08:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/07/22 10:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 09:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	40989	12/05/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40985	12/05/22 13:45	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	40945	12/03/22 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			41018	12/06/22 08:58	CH	EET MID

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

Lab Sample ID: 880-22210-6

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40901	12/02/22 13:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41157	12/07/22 09:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/07/22 10:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 09:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	40989	12/05/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40985	12/05/22 14:07	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	40945	12/03/22 11:06	SMC	EET MID
Soluble	Analysis	300.0		20			41018	12/06/22 09:05	CH	EET MID

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-22210-7

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40901	12/02/22 13:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41157	12/07/22 09:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/07/22 10:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 09:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	40989	12/05/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40985	12/05/22 14:30	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (1.5')

Date Collected: 12/01/22 00:00

Date Received: 12/02/22 10:32

Lab Sample ID: 880-22210-7

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 g	50 mL	40945	12/03/22 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			41018	12/06/22 11:06	CH	EET MID

Client Sample ID: S-2 (2')

Date Collected: 12/01/22 00:00

Date Received: 12/02/22 10:32

Lab Sample ID: 880-22210-8

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			5.03 g	5 mL	40901	12/02/22 13:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41157	12/07/22 09:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/07/22 10:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 09:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	40989	12/05/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40985	12/05/22 14:52	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	40945	12/03/22 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			41018	12/06/22 09:18	CH	EET MID

Client Sample ID: S-2 (3')

Date Collected: 12/01/22 00:00

Date Received: 12/02/22 10:32

Lab Sample ID: 880-22210-9

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			5.01 g	5 mL	40901	12/02/22 13:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41157	12/07/22 10:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/07/22 10:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 09:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	40989	12/05/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40985	12/05/22 15:14	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	40945	12/03/22 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			41018	12/06/22 11:13	CH	EET MID

Client Sample ID: S-2 (4')

Date Collected: 12/01/22 00:00

Date Received: 12/02/22 10:32

Lab Sample ID: 880-22210-10

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			5.02 g	5 mL	40901	12/02/22 13:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41157	12/07/22 10:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/07/22 13:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 09:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	40989	12/05/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40985	12/05/22 15:36	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	40945	12/03/22 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			41018	12/06/22 11:19	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (0-1')

Lab Sample ID: 880-22210-11

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40901	12/02/22 13:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41157	12/07/22 12:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/07/22 13:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 09:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	40989	12/05/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40985	12/05/22 16:22	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	40947	12/03/22 11:10	SMC	EET MID
Soluble	Analysis	300.0		10			41019	12/06/22 16:06	CH	EET MID

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-22210-12

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40901	12/02/22 13:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41157	12/07/22 12:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/07/22 13:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 09:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	40989	12/05/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40985	12/05/22 16:44	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	40947	12/03/22 11:10	SMC	EET MID
Soluble	Analysis	300.0		10			41019	12/06/22 17:04	CH	EET MID

Client Sample ID: S-3 (2')

Lab Sample ID: 880-22210-13

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40901	12/02/22 13:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41157	12/07/22 12:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/07/22 13:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 09:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	40989	12/05/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40985	12/05/22 17:06	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	40947	12/03/22 11:10	SMC	EET MID
Soluble	Analysis	300.0		1			41019	12/06/22 17:10	CH	EET MID

Client Sample ID: S-3 (3')

Lab Sample ID: 880-22210-14

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40901	12/02/22 13:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41157	12/07/22 13:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/07/22 13:55	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (3')

Date Collected: 12/01/22 00:00

Date Received: 12/02/22 10:32

Lab Sample ID: 880-22210-14

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			41125	12/06/22 09:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	40989	12/05/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40985	12/05/22 17:28	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	40947	12/03/22 11:10	SMC	EET MID
Soluble	Analysis	300.0		1			41019	12/06/22 17:17	CH	EET MID

Client Sample ID: S-3 (4')

Date Collected: 12/01/22 00:00

Date Received: 12/02/22 10:32

Lab Sample ID: 880-22210-15

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	40901	12/02/22 13:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41157	12/07/22 13:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/07/22 15:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 09:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	40989	12/05/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40985	12/05/22 17:50	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	40947	12/03/22 11:10	SMC	EET MID
Soluble	Analysis	300.0		1			41019	12/06/22 17:24	CH	EET MID

Client Sample ID: S-4 (0-1')

Date Collected: 12/01/22 00:00

Date Received: 12/02/22 10:32

Lab Sample ID: 880-22210-16

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			5.02 g	5 mL	40901	12/02/22 13:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41157	12/07/22 13:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/07/22 15:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 09:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	40989	12/05/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40985	12/05/22 18:13	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	40947	12/03/22 11:10	SMC	EET MID
Soluble	Analysis	300.0		10			41019	12/06/22 17:44	CH	EET MID

Client Sample ID: S-4 (1.5')

Date Collected: 12/01/22 00:00

Date Received: 12/02/22 10:32

Lab Sample ID: 880-22210-17

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			5.05 g	5 mL	40901	12/02/22 13:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41157	12/07/22 14:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/07/22 15:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 09:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	40989	12/05/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40985	12/05/22 18:34	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-4 (1.5')

Date Collected: 12/01/22 00:00

Date Received: 12/02/22 10:32

Lab Sample ID: 880-22210-17

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			5.03 g	50 mL	40947	12/03/22 11:10	SMC	EET MID
Soluble	Analysis	300.0		1			41019	12/06/22 17:50	CH	EET MID

Client Sample ID: S-4 (2')

Date Collected: 12/01/22 00:00

Date Received: 12/02/22 10:32

Lab Sample ID: 880-22210-18

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			5.03 g	5 mL	40901	12/02/22 13:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41157	12/07/22 14:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/07/22 15:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 09:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	40989	12/05/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40985	12/05/22 18:56	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	40947	12/03/22 11:10	SMC	EET MID
Soluble	Analysis	300.0		1			41019	12/06/22 17:57	CH	EET MID

Client Sample ID: S-4 (3')

Date Collected: 12/01/22 00:00

Date Received: 12/02/22 10:32

Lab Sample ID: 880-22210-19

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			5.01 g	5 mL	40901	12/02/22 13:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41157	12/07/22 14:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/07/22 15:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 09:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	40989	12/05/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40985	12/05/22 19:18	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	40947	12/03/22 11:10	SMC	EET MID
Soluble	Analysis	300.0		1			41019	12/06/22 18:04	CH	EET MID

Client Sample ID: S-4 (4')

Date Collected: 12/01/22 00:00

Date Received: 12/02/22 10:32

Lab Sample ID: 880-22210-20

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			4.99 g	5 mL	40901	12/02/22 13:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41157	12/07/22 15:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/07/22 15:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 09:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	40989	12/05/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40985	12/05/22 19:41	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	40947	12/03/22 11:10	SMC	EET MID
Soluble	Analysis	300.0		1			41019	12/06/22 18:10	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-22210-21

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40900	12/02/22 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40979	12/05/22 10:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/05/22 13:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 10:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	40990	12/05/22 08:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40987	12/05/22 11:32	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	40947	12/03/22 11:10	SMC	EET MID
Soluble	Analysis	300.0		20			41019	12/06/22 18:17	CH	EET MID

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-22210-22

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40900	12/02/22 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40979	12/05/22 10:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/05/22 13:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 10:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	40990	12/05/22 08:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40987	12/05/22 12:39	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	40947	12/03/22 11:10	SMC	EET MID
Soluble	Analysis	300.0		10			41019	12/06/22 18:37	CH	EET MID

Client Sample ID: S-5 (2')

Lab Sample ID: 880-22210-23

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40900	12/02/22 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40979	12/05/22 10:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/05/22 13:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 10:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	40990	12/05/22 08:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40987	12/05/22 13:01	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	40947	12/03/22 11:10	SMC	EET MID
Soluble	Analysis	300.0		10			41019	12/06/22 18:43	CH	EET MID

Client Sample ID: S-5 (3')

Lab Sample ID: 880-22210-24

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40900	12/02/22 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40979	12/05/22 11:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/05/22 13:56	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-5 (3')

Date Collected: 12/01/22 00:00

Date Received: 12/02/22 10:32

Lab Sample ID: 880-22210-24

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			41125	12/06/22 10:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	40990	12/05/22 08:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40987	12/05/22 13:23	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	40947	12/03/22 11:10	SMC	EET MID
Soluble	Analysis	300.0		10			41019	12/06/22 19:04	CH	EET MID

Client Sample ID: S-5 (4')

Date Collected: 12/01/22 00:00

Date Received: 12/02/22 10:32

Lab Sample ID: 880-22210-25

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	40900	12/02/22 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40979	12/05/22 11:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/05/22 13:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 10:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	40990	12/05/22 08:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40987	12/05/22 13:45	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	40947	12/03/22 11:10	SMC	EET MID
Soluble	Analysis	300.0		1			41019	12/06/22 19:10	CH	EET MID

Client Sample ID: S-5 (5')

Date Collected: 12/01/22 00:00

Date Received: 12/02/22 10:32

Lab Sample ID: 880-22210-26

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	40900	12/02/22 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40979	12/05/22 11:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/05/22 13:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 10:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	40990	12/05/22 08:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40987	12/05/22 14:07	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	40947	12/03/22 11:10	SMC	EET MID
Soluble	Analysis	300.0		1			41019	12/06/22 19:17	CH	EET MID

Client Sample ID: S-6 (0-1')

Date Collected: 12/01/22 00:00

Date Received: 12/02/22 10:32

Lab Sample ID: 880-22210-27

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			5.01 g	5 mL	40900	12/02/22 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40979	12/05/22 12:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/05/22 13:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 10:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	40990	12/05/22 08:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40987	12/05/22 14:30	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-6 (0-1')

Date Collected: 12/01/22 00:00

Date Received: 12/02/22 10:32

Lab Sample ID: 880-22210-27

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			5.04 g	50 mL	40947	12/03/22 11:10	SMC	EET MID
Soluble	Analysis	300.0		1			41019	12/06/22 19:24	CH	EET MID

Client Sample ID: S-6 (1.5')

Date Collected: 12/01/22 00:00

Date Received: 12/02/22 10:32

Lab Sample ID: 880-22210-28

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			4.97 g	5 mL	40902	12/02/22 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41033	12/06/22 02:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/06/22 10:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 10:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	40990	12/05/22 08:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40987	12/05/22 14:52	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	40947	12/03/22 11:10	SMC	EET MID
Soluble	Analysis	300.0		10			41019	12/06/22 19:30	CH	EET MID

Client Sample ID: S-6 (2')

Date Collected: 12/01/22 00:00

Date Received: 12/02/22 10:32

Lab Sample ID: 880-22210-29

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			5.02 g	5 mL	40902	12/02/22 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41033	12/06/22 08:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/06/22 10:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 10:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	40990	12/05/22 08:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40987	12/05/22 15:14	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	40947	12/03/22 11:10	SMC	EET MID
Soluble	Analysis	300.0		1			41019	12/06/22 20:53	CH	EET MID

Client Sample ID: S-7 (0-1')

Date Collected: 12/01/22 00:00

Date Received: 12/02/22 10:32

Lab Sample ID: 880-22210-30

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			5.03 g	5 mL	40902	12/02/22 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41033	12/06/22 08:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/06/22 10:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 10:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	40990	12/05/22 08:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40987	12/05/22 15:36	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	40947	12/03/22 11:10	SMC	EET MID
Soluble	Analysis	300.0		20			41019	12/06/22 20:59	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-7 (1.5')

Lab Sample ID: 880-22210-31

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40902	12/02/22 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41033	12/06/22 09:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/06/22 10:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 10:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	40990	12/05/22 08:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40987	12/05/22 16:22	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	40944	12/03/22 10:55	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	40964	12/06/22 00:10	CH	EET MID

Client Sample ID: S-7 (2')

Lab Sample ID: 880-22210-32

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	40902	12/02/22 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41033	12/06/22 09:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/06/22 10:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 10:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	40990	12/05/22 08:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40987	12/05/22 16:44	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	40944	12/03/22 10:55	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	40964	12/06/22 00:18	CH	EET MID

Client Sample ID: S-8 (0-1')

Lab Sample ID: 880-22210-33

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	41030	12/05/22 12:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41141	12/06/22 15:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/06/22 16:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 10:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	40990	12/05/22 08:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40987	12/05/22 17:06	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	40944	12/03/22 10:55	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	40964	12/06/22 00:26	CH	EET MID

Client Sample ID: S-8 (1.5')

Lab Sample ID: 880-22210-34

Date Collected: 12/01/22 00:00

Matrix: Solid

Date Received: 12/02/22 10:32

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	41030	12/05/22 12:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41141	12/06/22 15:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/06/22 16:19	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Client Sample ID: S-8 (1.5')

Date Collected: 12/01/22 00:00

Date Received: 12/02/22 10:32

Lab Sample ID: 880-22210-34

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			41125	12/06/22 10:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	40990	12/05/22 08:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40987	12/05/22 17:28	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	40944	12/03/22 10:55	SMC	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	40964	12/06/22 00:34	CH	EET MID

Client Sample ID: S-8 (2')

Date Collected: 12/01/22 00:00

Date Received: 12/02/22 10:32

Lab Sample ID: 880-22210-35

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	41030	12/05/22 12:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41141	12/06/22 16:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/06/22 17:14	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 10:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	40990	12/05/22 08:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40987	12/05/22 17:50	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	40944	12/03/22 10:55	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	40964	12/06/22 00:42	CH	EET MID

Client Sample ID: S-8 (3')

Date Collected: 12/01/22 00:00

Date Received: 12/02/22 10:32

Lab Sample ID: 880-22210-36

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	41030	12/05/22 12:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41141	12/06/22 16:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41051	12/06/22 17:14	AJ	EET MID
Total/NA	Analysis	8015 NM		1			41125	12/06/22 10:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	40990	12/05/22 08:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	40987	12/05/22 18:13	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	40944	12/03/22 10:55	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	40964	12/06/22 00:50	CH	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: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-22210-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

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

Job ID: 880-22210-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	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

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Midland

Sample Summary

Client: Carmona Resources

Job ID: 880-22210-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-22210-1	S-1 (0-1')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-2	S-1 (1.5')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-3	S-1 (2')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-4	S-1 (3')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-5	S-1 (4')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-6	S-2 (0-1')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-7	S-2 (1.5')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-8	S-2 (2')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-9	S-2 (3')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-10	S-2 (4')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-11	S-3 (0-1')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-12	S-3 (1.5')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-13	S-3 (2')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-14	S-3 (3')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-15	S-3 (4')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-16	S-4 (0-1')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-17	S-4 (1.5')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-18	S-4 (2')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-19	S-4 (3')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-20	S-4 (4')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-21	S-5 (0-1')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-22	S-5 (1.5')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-23	S-5 (2')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-24	S-5 (3')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-25	S-5 (4')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-26	S-5 (5')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-27	S-6 (0-1')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-28	S-6 (1.5')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-29	S-6 (2')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-30	S-7 (0-1')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-31	S-7 (1.5')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-32	S-7 (2')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-33	S-8 (0-1')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-34	S-8 (1.5')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-35	S-8 (2')	Solid	12/01/22 00:00	12/02/22 10:32
880-22210-36	S-8 (3')	Solid	12/01/22 00:00	12/02/22 10:32

Project Manager		Comer Moeching		Bill to (if different)		Jacqui Harris		Work Order Comments											
Company Name		Carmona Resources		Company Name		COG		Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Spillfund ☐											
Address		310 W Wall St Ste 415		Address		15 W London Rd		State of Project:											
City, State ZIP		Midland, TX 79701		City, State ZIP		Lovings, NM 88258		Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐											
Phone:		432-813-6823		Email		jacqui.harris@conocophillips.com		Deliverables EDD ☐ ADAPT ☐ Other											
Project Name		Call Roll 24 Fed Com 2H (11 01 22)		Turn Around		ANALYSIS REQUEST		Preservative Codes											
Project Number		1185		☐ Routine ☒ Rush				None NO DI Water H ₂ O											
Project Location		Eddy County, New Mexico		Due Date		72 Hrs		Cool Cool MeOH Me											
Sampler's Name		GPJ						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)		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		Parameters		Sample Comments			
S-1 (0-1')		12/1/2022				X				G		1		X		BTX 8021B		452	
S-1 (1-5')		12/1/2022				X				G		1		X		TPH 8015M (GRO + DRO + MRO)			
S-1 (2')		12/1/2022				X				G		1		X		Chloride 300.0			
S-1 (3')		12/1/2022				X				G		1		X					
S-1 (4')		12/1/2022				X				G		1		X					
S-2 (0-1')		12/1/2022				X				G		1		X					
S-2 (1-5')		12/1/2022				X				G		1		X					
S-2 (2')		12/1/2022				X				G		1		X					
S-2 (3')		12/1/2022				X				G		1		X					
S-2 (4')		12/1/2022				X				G		1		X					
Comments:		880-22210 Chain of Custody																	
Relinquished by (Signature)		Date/Time		Received by (Signature)		Date/Time													
[Signature]		12/2/22 1032		[Signature]															

Work Order No: 22215

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Work Order No: 22210

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Project Manager	Conner Moehring	Bill to (if different)	Jacqui Harris
Company Name	Carmona Resources	Company Name	COG
Address	310 W Wall St Ste 415	Address	15 W London Rd
City, State ZIP	Midland, TX 79701	City, State ZIP	Loving, NM 88258
Phone	432-813-6823	Email	jacqui.harris@conocophillips.com
Work Order Comments			
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Perturb ☐			
State of Project: ☐ Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐			
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐			
Deliverables EDD ☐ ADAPT ☐ Other ☐			

Project Name.		Call Roll 24 Fed Com 2H (11.01.22)		Turn Around			ANALYSIS REQUEST												Preservative Codes				
Project Number	1185	☐ Routine	☒ Rush															None NO	DI Water H ₂ O				
Project Location	Eddy County, New Mexico			Due Date	72 Hrs													Cool Cool	MeOH Me				
Sampler's Name	GPJ																	HCL HC	HNO ₃ HN				
PO #:																		H ₂ SO ₄ H ₂	NaOH Na				
SAMPLE RECEIPT				Temp Blank.	Yes No	Thermometer ID	Yes No	Well Ice	Yes No										H ₃ PO ₄ HP				
Received Intact:				Yes No															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			
S-3 (0-1)		12/1/2022		X		G	1	X	X	X													
S-3 (1 5)		12/1/2022		X		G	1	X	X	X													
S-3 (2)		12/1/2022		X		G	1	X	X	X													
S-3 (3)		12/1/2022		X		G	1	X	X	X													
S-3 (4)		12/1/2022		X		G	1	X	X	X													
S-4 (0-1)		12/1/2022		X		G	1	X	X	X													
S-4 (1 5)		12/1/2022		X		G	1	X	X	X													
S-4 (2)		12/1/2022		X		G	1	X	X	X													
S-4 (3)		12/1/2022		X		G	1	X	X	X													
S-4 (4)		12/1/2022		X		G	1	X	X	X													

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	12/1/22		10/3/22

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Work Order No: 22310

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Project Manager	Conner Moehring	Bill to (if different)	Jacqui Harris
Company Name	Carmona Resources	Company Name	COG
Address	310 W Wall St Ste 415	Address	15 W London Rd
City, State ZIP	Midland, TX 79701	City, State ZIP	Loving, NM 88258
Phone	432-813-6823	Email	jacqui.harris@conocophillips.com

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Rowfields ☐ RRC ☐ perfund
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables	EDD ☐ ADAPT ☐ Other

Project Name	Call Roll 24 Fed Com 2H (11 01.22)	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	1185	☐ Routine ☒ Rush														None NO	DI Water H ₂ O
Project Location	Eddy County, New Mexico	Due Date	72 Hrs													Cool Cool	MeOH Me
Sample's Name	GPJ															HCL HC	HNO ₃ HN
PO #:																H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT	Temp Blank	Yes No	Thermometer ID	Well Ice	Yes No											H ₃ PO ₄ HP	
Received Intact	Yes No		Correction Factor													NaHSO ₄ NABIS	
Cooler Custody Seals	Yes No		Temperature Reading													Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes No		Corrected Temperature													Zn Acetate+NaOH Zn	
Total Containers																NaOH+Ascorbic Acid SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
S-5 (0-1')	12/1/2022		X		G	1	X	X	X								
S-5 (1.5')	12/1/2022		X		G	1	X	X	X								
S-5 (2')	12/1/2022		X		G	1	X	X	X								
S-5 (3')	12/1/2022		X		G	1	X	X	X								
S-5 (4')	12/1/2022		X		G	1	X	X	X								
S-5 (5')	12/1/2022		X		G	1	X	X	X								
S-6 (0-1')	12/1/2022		X		G	1	X	X	X								
S-6 (1.5')	12/1/2022		X		G	1	X	X	X								
S-6 (2')	12/1/2022		X		G	1	X	X	X								
S-7 (0-1')	12/1/2022		X		G	1	X	X	X								

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	12/1/22 1032		

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Work Order No: 22210

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Project Manager	Conner Moehring	Bill to (if different)	Jacquie Harris
Company Name	Carmona Resources	Company Name	COG
Address	310 W Wall St Ste 415	Address	15 W London Rd
City, State ZIP	Midland, TX 79701	City, State ZIP	Loving, NM 88258
Phone	432-813-6823	Email	jacqui.harris@conocophillips.com

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ HRC ☐ Perturb ☐
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables EDD	☐ ADAPT ☐ Other

Project Name	Call Roll 24 Fed Com 2H (11 01 22)	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number	1185	☐ Routine	☒ Rush		None NO	DI Water	H ₂ O												
Project Location	Eddy County, New Mexico	Due Date	72 Hrs	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0										Cool Cool	MeOH Me	
Sampler's Name	GPJ																	HCL HC	HNO ₃ HN
PO #																		H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT	Temp Blank	Yes No	Thermometer ID		Wet Ice	Yes No												H ₃ PO ₄ HP	
Received Intact	Yes No																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
S-7 (1 5')	12/1/2022		X		G	1	X	X	X										
S-7 (2)	12/1/2022		X		G	1	X	X	X										
S-8 (0-1')	12/1/2022		X		G	1	X	X	X										
S-8 (1 5')	12/1/2022		X		G	1	X	X	X										
S-8 (2)	12/1/2022		X		G	1	X	X	X										
S-8 (3)	12/1/2022		X		G	1	X	X	X										

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	12/2/22 10:32		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-22210-1

SDG Number: Eddy County, New Mexico

Login Number: 22210

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 415
Midland, Texas 79701

Generated 2/6/2023 2:23:33 PM

JOB DESCRIPTION

Cali Roll 24 Fed Com 2H (11.01.22)
SDG NUMBER Eddy County, New Mexico

JOB NUMBER

880-24178-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland**Job Notes**

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
2/6/2023 2:23:33 PM

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

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Laboratory Job ID: 880-24178-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy 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.
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
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)

Eurofins Midland

Definitions/Glossary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Case Narrative

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Job ID: 880-24178-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-24178-1

Receipt

The samples were received on 1/27/2023 10:45 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 0.7°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (1.5') (880-24178-1), CS-2 (1.5') (880-24178-2), CS-3 (1.5') (880-24178-3), CS-4 (1.5') (880-24178-4), CS-5 (1.5') (880-24178-5), CS-6 (1.5') (880-24178-6), CS-7 (1.5') (880-24178-7), CS-8 (1.5') (880-24178-8), CS-9 (1.5') (880-24178-9), CS-10 (1.5') (880-24178-10), CS-11 (1.5') (880-24178-11), CS-12 (2') (880-24178-12), CS-13 (2') (880-24178-13), CS-14 (2') (880-24178-14), CS-15 (2') (880-24178-15), CS-16 (2') (880-24178-16), CS-17 (2') (880-24178-17), CS-18 (2') (880-24178-18), CS-19 (2') (880-24178-19), CS-20 (2') (880-24178-20), CS-21 (6') (880-24178-21), CS-22 (2') (880-24178-22), CS-23 (2') (880-24178-23), CS-24 (2') (880-24178-24), CS-25 (2') (880-24178-25), CS-26 (2') (880-24178-26), CS-27 (3') (880-24178-27), SW-1 (1.5') (880-24178-28), SW-2 (0.5') (880-24178-29), SW-3 (0.5') (880-24178-30), SW-4 (0.5') (880-24178-31), SW-5 (1.5') (880-24178-32), SW-6 (1.5') (880-24178-33), SW-7 (1.5') (880-24178-34), SW-8 (1.5') (880-24178-35), SW-9 (2') (880-24178-36), SW-10 (2') (880-24178-37), SW-11 (2') (880-24178-38), SW-12 (3') (880-24178-39), SW-13 (3') (880-24178-40), SW-14 (3') (880-24178-41), SW-15 (2') (880-24178-42), SW-16 (2') (880-24178-43), SW-17 (6') (880-24178-44), SW-18 (6') (880-24178-45), SW-19 (2') (880-24178-46), SW-20 (2') (880-24178-47), SW-21 (2') (880-24178-48), SW-22 (6') (880-24178-49), SW-23 (6') (880-24178-50), SW-24 (2') (880-24178-51), SW-25 (4') (880-24178-52), SW-26 (4') (880-24178-53) and SW-27 (1') (880-24178-54).

GC VOA

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-44925 and analytical batch 880-44988 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-12 (3') (880-24178-39), SW-13 (3') (880-24178-40), SW-14 (3') (880-24178-41), SW-15 (2') (880-24178-42), SW-18 (6') (880-24178-45) and SW-23 (6') (880-24178-50). 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 880-44921 and analytical batch 880-45310 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) and / or laboratory control sample duplicate (LCSD) for preparation batch 880-44918 and analytical batch 880-45309 recovered outside control limits for the following analytes: m-Xylene & p-Xylene and o-Xylene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-13 (2') (880-24178-13), CS-14 (2') (880-24178-14), CS-17 (2') (880-24178-17), CS-18 (2') (880-24178-18), CS-19 (2') (880-24178-19), CS-21 (6') (880-24178-21), CS-26 (2') (880-24178-26), SW-3 (0.5') (880-24178-30) and (880-24178-A-11-E MSD). 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: The surrogate recovery for the blank associated with preparation batch 880-44990 and analytical batch 880-44980 was outside the upper control limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-44991 and 880-45046 and analytical batch 880-44982 was outside the upper control limits.

Case Narrative

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Job ID: 880-24178-1 (Continued)**Laboratory: Eurofins Midland (Continued)**

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-20 (2') (880-24178-47) and SW-22 (6') (880-24178-49). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-26 (4') (880-24178-53) and SW-27 (1') (880-24178-54). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-44915 and analytical batch 880-44962 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 880-44914 and analytical batch 880-44961 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 880-44916 and analytical batch 880-44960 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-24178-1

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:07	02/04/23 15:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:07	02/04/23 15:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:07	02/04/23 15:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/27/23 12:07	02/04/23 15:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:07	02/04/23 15:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/27/23 12:07	02/04/23 15:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	01/27/23 12:07	02/04/23 15:44	1
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130	01/27/23 12:07	02/04/23 15:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/06/23 12:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/31/23 11:03	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		01/30/23 08:57	01/30/23 11:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/23 08:57	01/30/23 11:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/23 08:57	01/30/23 11:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	01/30/23 08:57	01/30/23 11:13	1
o-Terphenyl	126		70 - 130	01/30/23 08:57	01/30/23 11:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.05		5.03		mg/Kg			01/27/23 22:51	1

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-24178-2

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:07	02/04/23 16:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/27/23 12:07	02/04/23 16:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/27/23 12:07	02/04/23 16:04	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/27/23 12:07	02/04/23 16:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/27/23 12:07	02/04/23 16:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/27/23 12:07	02/04/23 16:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	01/27/23 12:07	02/04/23 16:04	1
1,4-Difluorobenzene (Surr)	91		70 - 130	01/27/23 12:07	02/04/23 16:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-24178-2

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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			02/06/23 12:08	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			01/31/23 11:03	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	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 12:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 12:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 12:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				01/30/23 08:57	01/30/23 12:21	1
o-Terphenyl	122		70 - 130				01/30/23 08:57	01/30/23 12:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.1		5.00		mg/Kg			01/27/23 23:10	1

Client Sample ID: CS-3 (1.5')

Lab Sample ID: 880-24178-3

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:07	02/04/23 16:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:07	02/04/23 16:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:07	02/04/23 16:24	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/27/23 12:07	02/04/23 16:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:07	02/04/23 16:24	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/27/23 12:07	02/04/23 16:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				01/27/23 12:07	02/04/23 16:24	1
1,4-Difluorobenzene (Surr)	86		70 - 130				01/27/23 12:07	02/04/23 16:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/06/23 12:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/31/23 11:03	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		01/30/23 08:57	01/30/23 12:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/23 08:57	01/30/23 12:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-3 (1.5')

Lab Sample ID: 880-24178-3

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/30/23 08:57	01/30/23 12:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				01/30/23 08:57	01/30/23 12:43	1
o-Terphenyl	119		70 - 130				01/30/23 08:57	01/30/23 12:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			01/27/23 23:16	1

Client Sample ID: CS-4 (1.5')

Lab Sample ID: 880-24178-4

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:07	02/04/23 16:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:07	02/04/23 16:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:07	02/04/23 16:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/27/23 12:07	02/04/23 16:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:07	02/04/23 16:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/27/23 12:07	02/04/23 16:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				01/27/23 12:07	02/04/23 16:45	1
1,4-Difluorobenzene (Surr)	88		70 - 130				01/27/23 12:07	02/04/23 16:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/06/23 12:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/31/23 11:03	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		01/30/23 08:57	01/30/23 13:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/23 08:57	01/30/23 13:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/23 08:57	01/30/23 13:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				01/30/23 08:57	01/30/23 13:05	1
o-Terphenyl	116		70 - 130				01/30/23 08:57	01/30/23 13:05	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			01/27/23 23:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-5 (1.5')

Lab Sample ID: 880-24178-5

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:07	02/04/23 17:05	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/27/23 12:07	02/04/23 17:05	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/27/23 12:07	02/04/23 17:05	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/27/23 12:07	02/04/23 17:05	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/27/23 12:07	02/04/23 17:05	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/27/23 12:07	02/04/23 17:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	01/27/23 12:07	02/04/23 17:05	1
1,4-Difluorobenzene (Surr)	88		70 - 130	01/27/23 12:07	02/04/23 17:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/06/23 12:08	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			01/31/23 11:03	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	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 13:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 13:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 13:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	01/30/23 08:57	01/30/23 13:28	1
o-Terphenyl	114		70 - 130	01/30/23 08:57	01/30/23 13:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			01/27/23 23:28	1

Client Sample ID: CS-6 (1.5')

Lab Sample ID: 880-24178-6

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:07	02/04/23 17:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:07	02/04/23 17:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:07	02/04/23 17:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/27/23 12:07	02/04/23 17:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:07	02/04/23 17:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/27/23 12:07	02/04/23 17:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	01/27/23 12:07	02/04/23 17:26	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/27/23 12:07	02/04/23 17:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-6 (1.5')

Lab Sample ID: 880-24178-6

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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			02/06/23 12:08	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			01/31/23 11:03	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	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 13:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 13:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 13:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				01/30/23 08:57	01/30/23 13:50	1
o-Terphenyl	117		70 - 130				01/30/23 08:57	01/30/23 13:50	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			01/27/23 23:47	1

Client Sample ID: CS-7 (1.5')

Lab Sample ID: 880-24178-7

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:07	02/04/23 17:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:07	02/04/23 17:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:07	02/04/23 17:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/27/23 12:07	02/04/23 17:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:07	02/04/23 17:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/27/23 12:07	02/04/23 17:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				01/27/23 12:07	02/04/23 17:46	1
1,4-Difluorobenzene (Surr)	66	S1-	70 - 130				01/27/23 12:07	02/04/23 17:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/06/23 12:08	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			01/31/23 11:03	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	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 14:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 14:13	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-7 (1.5')

Lab Sample ID: 880-24178-7

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/30/23 08:57	01/30/23 14:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				01/30/23 08:57	01/30/23 14:13	1
o-Terphenyl	109		70 - 130				01/30/23 08:57	01/30/23 14:13	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			01/27/23 23:53	1

Client Sample ID: CS-8 (1.5')

Lab Sample ID: 880-24178-8

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:07	02/04/23 18:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:07	02/04/23 18:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:07	02/04/23 18:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/27/23 12:07	02/04/23 18:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:07	02/04/23 18:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/27/23 12:07	02/04/23 18:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				01/27/23 12:07	02/04/23 18:07	1
1,4-Difluorobenzene (Surr)	88		70 - 130				01/27/23 12:07	02/04/23 18:07	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			02/06/23 12:08	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			01/31/23 11:03	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	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 14:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 14:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 14:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				01/30/23 08:57	01/30/23 14:36	1
o-Terphenyl	113		70 - 130				01/30/23 08:57	01/30/23 14:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			01/27/23 23:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-9 (1.5')

Lab Sample ID: 880-24178-9

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:07	02/04/23 18:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:07	02/04/23 18:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:07	02/04/23 18:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/27/23 12:07	02/04/23 18:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:07	02/04/23 18:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/27/23 12:07	02/04/23 18:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	01/27/23 12:07	02/04/23 18:27	1
1,4-Difluorobenzene (Surr)	71		70 - 130	01/27/23 12:07	02/04/23 18:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/06/23 12:08	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			01/31/23 11:03	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	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 14:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 14:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 14:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	01/30/23 08:57	01/30/23 14:58	1
o-Terphenyl	109		70 - 130	01/30/23 08:57	01/30/23 14:58	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			01/28/23 00:05	1

Client Sample ID: CS-10 (1.5')

Lab Sample ID: 880-24178-10

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:07	02/04/23 18:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:07	02/04/23 18:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:07	02/04/23 18:48	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/27/23 12:07	02/04/23 18:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:07	02/04/23 18:48	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/27/23 12:07	02/04/23 18:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	01/27/23 12:07	02/04/23 18:48	1
1,4-Difluorobenzene (Surr)	67	S1-	70 - 130	01/27/23 12:07	02/04/23 18:48	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-10 (1.5')

Lab Sample ID: 880-24178-10

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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			02/06/23 12:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/31/23 11:03	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		01/30/23 08:57	01/30/23 15:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/23 08:57	01/30/23 15:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/23 08:57	01/30/23 15:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				01/30/23 08:57	01/30/23 15:20	1
o-Terphenyl	107		70 - 130				01/30/23 08:57	01/30/23 15:20	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			01/28/23 00:11	1

Client Sample ID: CS-11 (1.5')

Lab Sample ID: 880-24178-11

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1	0.00201		mg/Kg		01/27/23 12:18	02/04/23 21:51	1
Toluene	<0.00201	U F1	0.00201		mg/Kg		01/27/23 12:18	02/04/23 21:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/27/23 12:18	02/04/23 21:51	1
m-Xylene & p-Xylene	<0.00402	U ** *1	0.00402		mg/Kg		01/27/23 12:18	02/04/23 21:51	1
o-Xylene	<0.00201	U ** *1	0.00201		mg/Kg		01/27/23 12:18	02/04/23 21:51	1
Xylenes, Total	<0.00402	U ** *1	0.00402		mg/Kg		01/27/23 12:18	02/04/23 21:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130				01/27/23 12:18	02/04/23 21:51	1
1,4-Difluorobenzene (Surr)	87		70 - 130				01/27/23 12:18	02/04/23 21:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/06/23 12:08	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			01/31/23 11:03	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	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 16:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 16:04	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-11 (1.5')

Lab Sample ID: 880-24178-11

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/30/23 08:57	01/30/23 16:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				01/30/23 08:57	01/30/23 16:04	1
o-Terphenyl	116		70 - 130				01/30/23 08:57	01/30/23 16:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U F1	5.00		mg/Kg			01/28/23 00:17	1

Client Sample ID: CS-12 (2')

Lab Sample ID: 880-24178-12

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:18	02/04/23 22:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/27/23 12:18	02/04/23 22:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/27/23 12:18	02/04/23 22:11	1
m-Xylene & p-Xylene	<0.00404	U ** *1	0.00404		mg/Kg		01/27/23 12:18	02/04/23 22:11	1
o-Xylene	<0.00202	U ** *1	0.00202		mg/Kg		01/27/23 12:18	02/04/23 22:11	1
Xylenes, Total	<0.00404	U ** *1	0.00404		mg/Kg		01/27/23 12:18	02/04/23 22:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130				01/27/23 12:18	02/04/23 22:11	1
1,4-Difluorobenzene (Surr)	89		70 - 130				01/27/23 12:18	02/04/23 22:11	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			02/06/23 12:08	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			01/31/23 11:03	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	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 16:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 16:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 16:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				01/30/23 08:57	01/30/23 16:26	1
o-Terphenyl	106		70 - 130				01/30/23 08:57	01/30/23 16:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			01/28/23 00:36	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-13 (2')

Lab Sample ID: 880-24178-13

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:18	02/04/23 22:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:18	02/04/23 22:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:18	02/04/23 22:32	1
m-Xylene & p-Xylene	<0.00398	U ** *1	0.00398		mg/Kg		01/27/23 12:18	02/04/23 22:32	1
o-Xylene	<0.00199	U ** *1	0.00199		mg/Kg		01/27/23 12:18	02/04/23 22:32	1
Xylenes, Total	<0.00398	U ** *1	0.00398		mg/Kg		01/27/23 12:18	02/04/23 22:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	01/27/23 12:18	02/04/23 22:32	1
1,4-Difluorobenzene (Surr)	66	S1-	70 - 130	01/27/23 12:18	02/04/23 22:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/06/23 12:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/31/23 11:03	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		01/30/23 08:57	01/30/23 16:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/23 08:57	01/30/23 16:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/23 08:57	01/30/23 16:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	01/30/23 08:57	01/30/23 16:48	1
o-Terphenyl	102		70 - 130	01/30/23 08:57	01/30/23 16:48	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			01/28/23 00:42	1

Client Sample ID: CS-14 (2')

Lab Sample ID: 880-24178-14

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:18	02/04/23 22:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:18	02/04/23 22:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:18	02/04/23 22:52	1
m-Xylene & p-Xylene	<0.00398	U ** *1	0.00398		mg/Kg		01/27/23 12:18	02/04/23 22:52	1
o-Xylene	<0.00199	U ** *1	0.00199		mg/Kg		01/27/23 12:18	02/04/23 22:52	1
Xylenes, Total	<0.00398	U ** *1	0.00398		mg/Kg		01/27/23 12:18	02/04/23 22:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130	01/27/23 12:18	02/04/23 22:52	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/27/23 12:18	02/04/23 22:52	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-14 (2')

Lab Sample ID: 880-24178-14

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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			02/06/23 12:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	72.2		50.0		mg/Kg			01/31/23 11:03	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		01/30/23 08:57	01/30/23 17:09	1
Diesel Range Organics (Over C10-C28)	72.2		50.0		mg/Kg		01/30/23 08:57	01/30/23 17:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/23 08:57	01/30/23 17:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				01/30/23 08:57	01/30/23 17:09	1
o-Terphenyl	104		70 - 130				01/30/23 08:57	01/30/23 17:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			01/28/23 01:01	1

Client Sample ID: CS-15 (2')

Lab Sample ID: 880-24178-15

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:18	02/04/23 23:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:18	02/04/23 23:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:18	02/04/23 23:13	1
m-Xylene & p-Xylene	<0.00399	U ** *1	0.00399		mg/Kg		01/27/23 12:18	02/04/23 23:13	1
o-Xylene	<0.00200	U ** *1	0.00200		mg/Kg		01/27/23 12:18	02/04/23 23:13	1
Xylenes, Total	<0.00399	U ** *1	0.00399		mg/Kg		01/27/23 12:18	02/04/23 23:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130				01/27/23 12:18	02/04/23 23:13	1
1,4-Difluorobenzene (Surr)	80		70 - 130				01/27/23 12:18	02/04/23 23:13	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			02/06/23 12:08	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			01/31/23 11:03	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	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 17:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 17:31	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-15 (2')

Lab Sample ID: 880-24178-15

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/30/23 08:57	01/30/23 17:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				01/30/23 08:57	01/30/23 17:31	1
o-Terphenyl	104		70 - 130				01/30/23 08:57	01/30/23 17:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			01/28/23 01:07	1

Client Sample ID: CS-16 (2')

Lab Sample ID: 880-24178-16

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:18	02/04/23 23:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:18	02/04/23 23:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:18	02/04/23 23:33	1
m-Xylene & p-Xylene	<0.00398	U ** *1	0.00398		mg/Kg		01/27/23 12:18	02/04/23 23:33	1
o-Xylene	<0.00199	U ** *1	0.00199		mg/Kg		01/27/23 12:18	02/04/23 23:33	1
Xylenes, Total	<0.00398	U ** *1	0.00398		mg/Kg		01/27/23 12:18	02/04/23 23:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130				01/27/23 12:18	02/04/23 23:33	1
1,4-Difluorobenzene (Surr)	77		70 - 130				01/27/23 12:18	02/04/23 23:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/06/23 12:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	103		49.9		mg/Kg			01/31/23 11:03	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	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 17:54	1
Diesel Range Organics (Over C10-C28)	103		49.9		mg/Kg		01/30/23 08:57	01/30/23 17:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 17:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				01/30/23 08:57	01/30/23 17:54	1
o-Terphenyl	95		70 - 130				01/30/23 08:57	01/30/23 17:54	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			01/28/23 01:13	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-17 (2')

Lab Sample ID: 880-24178-17

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:18	02/04/23 23:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:18	02/04/23 23:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:18	02/04/23 23:53	1
m-Xylene & p-Xylene	<0.00398	U ** *1	0.00398		mg/Kg		01/27/23 12:18	02/04/23 23:53	1
o-Xylene	<0.00199	U ** *1	0.00199		mg/Kg		01/27/23 12:18	02/04/23 23:53	1
Xylenes, Total	<0.00398	U ** *1	0.00398		mg/Kg		01/27/23 12:18	02/04/23 23:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	59	S1-	70 - 130	01/27/23 12:18	02/04/23 23:53	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/27/23 12:18	02/04/23 23:53	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			02/06/23 12:08	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			01/31/23 11:03	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	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 18:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 18:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 18:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	01/30/23 08:57	01/30/23 18:16	1
o-Terphenyl	98		70 - 130	01/30/23 08:57	01/30/23 18:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			01/28/23 01:19	1

Client Sample ID: CS-18 (2')

Lab Sample ID: 880-24178-18

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:18	02/05/23 00:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:18	02/05/23 00:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:18	02/05/23 00:14	1
m-Xylene & p-Xylene	<0.00399	U ** *1	0.00399		mg/Kg		01/27/23 12:18	02/05/23 00:14	1
o-Xylene	<0.00200	U ** *1	0.00200		mg/Kg		01/27/23 12:18	02/05/23 00:14	1
Xylenes, Total	<0.00399	U ** *1	0.00399		mg/Kg		01/27/23 12:18	02/05/23 00:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130	01/27/23 12:18	02/05/23 00:14	1
1,4-Difluorobenzene (Surr)	69	S1-	70 - 130	01/27/23 12:18	02/05/23 00:14	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-18 (2')

Lab Sample ID: 880-24178-18

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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			02/06/23 12:08	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			01/31/23 11:03	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	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 18:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 18:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 18:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				01/30/23 08:57	01/30/23 18:39	1
o-Terphenyl	108		70 - 130				01/30/23 08:57	01/30/23 18:39	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			01/28/23 01:25	1

Client Sample ID: CS-19 (2')

Lab Sample ID: 880-24178-19

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:18	02/05/23 00:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/27/23 12:18	02/05/23 00:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/27/23 12:18	02/05/23 00:34	1
m-Xylene & p-Xylene	<0.00402	U ** *1	0.00402		mg/Kg		01/27/23 12:18	02/05/23 00:34	1
o-Xylene	<0.00201	U ** *1	0.00201		mg/Kg		01/27/23 12:18	02/05/23 00:34	1
Xylenes, Total	<0.00402	U ** *1	0.00402		mg/Kg		01/27/23 12:18	02/05/23 00:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	61	S1-	70 - 130				01/27/23 12:18	02/05/23 00:34	1
1,4-Difluorobenzene (Surr)	92		70 - 130				01/27/23 12:18	02/05/23 00:34	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			02/06/23 12:08	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			01/31/23 11:03	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	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 19:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:57	01/30/23 19:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-19 (2')

Lab Sample ID: 880-24178-19

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/30/23 08:57	01/30/23 19:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				01/30/23 08:57	01/30/23 19:02	1
o-Terphenyl	106		70 - 130				01/30/23 08:57	01/30/23 19:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			01/28/23 01:32	1

Client Sample ID: CS-20 (2')

Lab Sample ID: 880-24178-20

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:18	02/05/23 00:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:18	02/05/23 00:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:18	02/05/23 00:55	1
m-Xylene & p-Xylene	<0.00401	U ** *1	0.00401		mg/Kg		01/27/23 12:18	02/05/23 00:55	1
o-Xylene	<0.00200	U ** *1	0.00200		mg/Kg		01/27/23 12:18	02/05/23 00:55	1
Xylenes, Total	<0.00401	U ** *1	0.00401		mg/Kg		01/27/23 12:18	02/05/23 00:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				01/27/23 12:18	02/05/23 00:55	1
1,4-Difluorobenzene (Surr)	71		70 - 130				01/27/23 12:18	02/05/23 00:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/06/23 12:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/31/23 11:03	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		01/30/23 08:57	01/30/23 19:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/23 08:57	01/30/23 19:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/23 08:57	01/30/23 19:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				01/30/23 08:57	01/30/23 19:23	1
o-Terphenyl	98		70 - 130				01/30/23 08:57	01/30/23 19:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			01/28/23 01:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-21 (6')

Lab Sample ID: 880-24178-21

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:18	02/05/23 02:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:18	02/05/23 02:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:18	02/05/23 02:17	1
m-Xylene & p-Xylene	<0.00398	U ** *1	0.00398		mg/Kg		01/27/23 12:18	02/05/23 02:17	1
o-Xylene	0.00220	** *1	0.00199		mg/Kg		01/27/23 12:18	02/05/23 02:17	1
Xylenes, Total	<0.00398	U ** *1	0.00398		mg/Kg		01/27/23 12:18	02/05/23 02:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	54	S1-	70 - 130	01/27/23 12:18	02/05/23 02:17	1
1,4-Difluorobenzene (Surr)	89		70 - 130	01/27/23 12:18	02/05/23 02:17	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			02/06/23 12:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/31/23 12:00	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	<50.0	U	50.0		mg/Kg		01/30/23 08:58	01/30/23 11:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/23 08:58	01/30/23 11:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/23 08:58	01/30/23 11:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				01/30/23 08:58	01/30/23 11:13	1
o-Terphenyl	103		70 - 130				01/30/23 08:58	01/30/23 11:13	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			01/28/23 02:52	1

Client Sample ID: CS-22 (2')

Lab Sample ID: 880-24178-22

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:18	02/05/23 02:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:18	02/05/23 02:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:18	02/05/23 02:37	1
m-Xylene & p-Xylene	<0.00398	U ** *1	0.00398		mg/Kg		01/27/23 12:18	02/05/23 02:37	1
o-Xylene	<0.00199	U ** *1	0.00199		mg/Kg		01/27/23 12:18	02/05/23 02:37	1
Xylenes, Total	<0.00398	U ** *1	0.00398		mg/Kg		01/27/23 12:18	02/05/23 02:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	01/27/23 12:18	02/05/23 02:37	1
1,4-Difluorobenzene (Surr)	87		70 - 130	01/27/23 12:18	02/05/23 02:37	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-22 (2')

Lab Sample ID: 880-24178-22

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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			02/06/23 12:08	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			01/31/23 12:00	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		01/30/23 08:58	01/30/23 12:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:58	01/30/23 12:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 08:58	01/30/23 12:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				01/30/23 08:58	01/30/23 12:21	1
o-Terphenyl	88		70 - 130				01/30/23 08:58	01/30/23 12:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.3		5.00		mg/Kg			01/28/23 03:10	1

Client Sample ID: CS-23 (2')

Lab Sample ID: 880-24178-23

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:18	02/05/23 02:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:18	02/05/23 02:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:18	02/05/23 02:58	1
m-Xylene & p-Xylene	<0.00399	U ** *1	0.00399		mg/Kg		01/27/23 12:18	02/05/23 02:58	1
o-Xylene	<0.00200	U ** *1	0.00200		mg/Kg		01/27/23 12:18	02/05/23 02:58	1
Xylenes, Total	<0.00399	U ** *1	0.00399		mg/Kg		01/27/23 12:18	02/05/23 02:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				01/27/23 12:18	02/05/23 02:58	1
1,4-Difluorobenzene (Surr)	86		70 - 130				01/27/23 12:18	02/05/23 02:58	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			02/06/23 12:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/31/23 12:00	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	<50.0	U	50.0		mg/Kg		01/30/23 08:58	01/30/23 12:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/23 08:58	01/30/23 12:43	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-23 (2')

Lab Sample ID: 880-24178-23

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/30/23 08:58	01/30/23 12:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				01/30/23 08:58	01/30/23 12:43	1
o-Terphenyl	93		70 - 130				01/30/23 08:58	01/30/23 12:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			01/28/23 03:16	1

Client Sample ID: CS-24 (2')

Lab Sample ID: 880-24178-24

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:18	02/05/23 03:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:18	02/05/23 03:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:18	02/05/23 03:18	1
m-Xylene & p-Xylene	<0.00398	U ** *1	0.00398		mg/Kg		01/27/23 12:18	02/05/23 03:18	1
o-Xylene	<0.00199	U ** *1	0.00199		mg/Kg		01/27/23 12:18	02/05/23 03:18	1
Xylenes, Total	<0.00398	U ** *1	0.00398		mg/Kg		01/27/23 12:18	02/05/23 03:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				01/27/23 12:18	02/05/23 03:18	1
1,4-Difluorobenzene (Surr)	73		70 - 130				01/27/23 12:18	02/05/23 03:18	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			02/06/23 12:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/31/23 12:00	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	<50.0	U	50.0		mg/Kg		01/30/23 08:58	01/30/23 13:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/23 08:58	01/30/23 13:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/23 08:58	01/30/23 13:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				01/30/23 08:58	01/30/23 13:05	1
o-Terphenyl	91		70 - 130				01/30/23 08:58	01/30/23 13:05	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			01/28/23 03:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-25 (2')

Lab Sample ID: 880-24178-25

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:18	02/05/23 03:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:18	02/05/23 03:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:18	02/05/23 03:38	1
m-Xylene & p-Xylene	<0.00398	U ** *1	0.00398		mg/Kg		01/27/23 12:18	02/05/23 03:38	1
o-Xylene	<0.00199	U ** *1	0.00199		mg/Kg		01/27/23 12:18	02/05/23 03:38	1
Xylenes, Total	<0.00398	U ** *1	0.00398		mg/Kg		01/27/23 12:18	02/05/23 03:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	01/27/23 12:18	02/05/23 03:38	1
1,4-Difluorobenzene (Surr)	82		70 - 130	01/27/23 12:18	02/05/23 03:38	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			02/06/23 12:08	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			01/31/23 12:00	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		01/30/23 08:58	01/30/23 13:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:58	01/30/23 13:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 08:58	01/30/23 13:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	01/30/23 08:58	01/30/23 13:28	1
o-Terphenyl	98		70 - 130	01/30/23 08:58	01/30/23 13:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			01/28/23 03:29	1

Client Sample ID: CS-26 (2')

Lab Sample ID: 880-24178-26

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00220		0.00200		mg/Kg		01/27/23 12:18	02/05/23 03:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:18	02/05/23 03:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:18	02/05/23 03:59	1
m-Xylene & p-Xylene	<0.00399	U ** *1	0.00399		mg/Kg		01/27/23 12:18	02/05/23 03:59	1
o-Xylene	0.00201	** *1	0.00200		mg/Kg		01/27/23 12:18	02/05/23 03:59	1
Xylenes, Total	<0.00399	U ** *1	0.00399		mg/Kg		01/27/23 12:18	02/05/23 03:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	46	S1-	70 - 130	01/27/23 12:18	02/05/23 03:59	1
1,4-Difluorobenzene (Surr)	101		70 - 130	01/27/23 12:18	02/05/23 03:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-26 (2')

Lab Sample ID: 880-24178-26

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00421		0.00399		mg/Kg			02/06/23 12:08	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			01/31/23 12:00	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		01/30/23 08:58	01/30/23 13:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:58	01/30/23 13:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 08:58	01/30/23 13:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				01/30/23 08:58	01/30/23 13:50	1
o-Terphenyl	87		70 - 130				01/30/23 08:58	01/30/23 13:50	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			01/28/23 03:47	1

Client Sample ID: CS-27 (3')

Lab Sample ID: 880-24178-27

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:18	02/05/23 04:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/27/23 12:18	02/05/23 04:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/27/23 12:18	02/05/23 04:19	1
m-Xylene & p-Xylene	<0.00402	U ** *1	0.00402		mg/Kg		01/27/23 12:18	02/05/23 04:19	1
o-Xylene	<0.00201	U ** *1	0.00201		mg/Kg		01/27/23 12:18	02/05/23 04:19	1
Xylenes, Total	<0.00402	U ** *1	0.00402		mg/Kg		01/27/23 12:18	02/05/23 04:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				01/27/23 12:18	02/05/23 04:19	1
1,4-Difluorobenzene (Surr)	77		70 - 130				01/27/23 12:18	02/05/23 04:19	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			02/06/23 12:08	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			01/31/23 12:00	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		01/30/23 08:58	01/30/23 14:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:58	01/30/23 14:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-27 (3')

Lab Sample ID: 880-24178-27

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/30/23 08:58	01/30/23 14:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				01/30/23 08:58	01/30/23 14:13	1
o-Terphenyl	91		70 - 130				01/30/23 08:58	01/30/23 14:13	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			01/28/23 03:53	1

Client Sample ID: SW-1 (1.5')

Lab Sample ID: 880-24178-28

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:18	02/05/23 04:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:18	02/05/23 04:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:18	02/05/23 04:40	1
m-Xylene & p-Xylene	<0.00400	U ** *1	0.00400		mg/Kg		01/27/23 12:18	02/05/23 04:40	1
o-Xylene	<0.00200	U ** *1	0.00200		mg/Kg		01/27/23 12:18	02/05/23 04:40	1
Xylenes, Total	<0.00400	U ** *1	0.00400		mg/Kg		01/27/23 12:18	02/05/23 04:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				01/27/23 12:18	02/05/23 04:40	1
1,4-Difluorobenzene (Surr)	91		70 - 130				01/27/23 12:18	02/05/23 04:40	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			02/06/23 12:08	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			01/31/23 12:00	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		01/30/23 08:58	01/30/23 14:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:58	01/30/23 14:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 08:58	01/30/23 14:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				01/30/23 08:58	01/30/23 14:36	1
o-Terphenyl	99		70 - 130				01/30/23 08:58	01/30/23 14:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.18		5.03		mg/Kg			01/28/23 03:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-2 (0.5')

Lab Sample ID: 880-24178-29

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:18	02/05/23 05:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:18	02/05/23 05:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:18	02/05/23 05:00	1
m-Xylene & p-Xylene	<0.00398	U ** *1	0.00398		mg/Kg		01/27/23 12:18	02/05/23 05:00	1
o-Xylene	<0.00199	U ** *1	0.00199		mg/Kg		01/27/23 12:18	02/05/23 05:00	1
Xylenes, Total	<0.00398	U ** *1	0.00398		mg/Kg		01/27/23 12:18	02/05/23 05:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	01/27/23 12:18	02/05/23 05:00	1
1,4-Difluorobenzene (Surr)	73		70 - 130	01/27/23 12:18	02/05/23 05:00	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			02/06/23 12:08	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			01/31/23 12:00	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		01/30/23 08:58	01/30/23 14:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:58	01/30/23 14:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 08:58	01/30/23 14:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	01/30/23 08:58	01/30/23 14:58	1
o-Terphenyl	109		70 - 130	01/30/23 08:58	01/30/23 14:58	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			01/28/23 04:05	1

Client Sample ID: SW-3 (0.5')

Lab Sample ID: 880-24178-30

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:18	02/05/23 05:21	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/27/23 12:18	02/05/23 05:21	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/27/23 12:18	02/05/23 05:21	1
m-Xylene & p-Xylene	<0.00396	U ** *1	0.00396		mg/Kg		01/27/23 12:18	02/05/23 05:21	1
o-Xylene	<0.00198	U ** *1	0.00198		mg/Kg		01/27/23 12:18	02/05/23 05:21	1
Xylenes, Total	<0.00396	U ** *1	0.00396		mg/Kg		01/27/23 12:18	02/05/23 05:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	58	S1-	70 - 130	01/27/23 12:18	02/05/23 05:21	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/27/23 12:18	02/05/23 05:21	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-3 (0.5')

Lab Sample ID: 880-24178-30

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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			02/06/23 12:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/31/23 12:00	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	<50.0	U	50.0		mg/Kg		01/30/23 08:58	01/30/23 15:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/23 08:58	01/30/23 15:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/23 08:58	01/30/23 15:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				01/30/23 08:58	01/30/23 15:20	1
o-Terphenyl	122		70 - 130				01/30/23 08:58	01/30/23 15:20	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			01/28/23 04:12	1

Client Sample ID: SW-4 (0.5')

Lab Sample ID: 880-24178-31

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U F2 F1	0.00198		mg/Kg		01/27/23 12:20	02/03/23 23:33	1
Toluene	<0.00198	U F2 F1	0.00198		mg/Kg		01/27/23 12:20	02/03/23 23:33	1
Ethylbenzene	<0.00198	U F2 F1	0.00198		mg/Kg		01/27/23 12:20	02/03/23 23:33	1
m-Xylene & p-Xylene	<0.00396	U F2 F1	0.00396		mg/Kg		01/27/23 12:20	02/03/23 23:33	1
o-Xylene	<0.00198	U F2 F1	0.00198		mg/Kg		01/27/23 12:20	02/03/23 23:33	1
Xylenes, Total	<0.00396	U F2 F1	0.00396		mg/Kg		01/27/23 12:20	02/03/23 23:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				01/27/23 12:20	02/03/23 23:33	1
1,4-Difluorobenzene (Surr)	69	S1-	70 - 130				01/27/23 12:20	02/03/23 23:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/04/23 09:59	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			01/31/23 12:00	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		01/30/23 08:58	01/30/23 16:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:58	01/30/23 16:04	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-4 (0.5')

Lab Sample ID: 880-24178-31

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/30/23 08:58	01/30/23 16:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				01/30/23 08:58	01/30/23 16:04	1
o-Terphenyl	128		70 - 130				01/30/23 08:58	01/30/23 16:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U F1	5.00		mg/Kg			01/28/23 04:18	1

Client Sample ID: SW-5 (1.5')

Lab Sample ID: 880-24178-32

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:20	02/03/23 23:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:20	02/03/23 23:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:20	02/03/23 23:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/27/23 12:20	02/03/23 23:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:20	02/03/23 23:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/27/23 12:20	02/03/23 23:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				01/27/23 12:20	02/03/23 23:53	1
1,4-Difluorobenzene (Surr)	74		70 - 130				01/27/23 12:20	02/03/23 23:53	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			02/04/23 09:59	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			01/31/23 12:00	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		01/30/23 08:58	01/30/23 16:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:58	01/30/23 16:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 08:58	01/30/23 16:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				01/30/23 08:58	01/30/23 16:26	1
o-Terphenyl	103		70 - 130				01/30/23 08:58	01/30/23 16:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			01/28/23 04:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-6 (1.5')

Lab Sample ID: 880-24178-33

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:20	02/04/23 00:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:20	02/04/23 00:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:20	02/04/23 00:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/27/23 12:20	02/04/23 00:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:20	02/04/23 00:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/27/23 12:20	02/04/23 00:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	01/27/23 12:20	02/04/23 00:14	1
1,4-Difluorobenzene (Surr)	88		70 - 130	01/27/23 12:20	02/04/23 00:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/23 09:59	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			01/31/23 12:00	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	<50.0	U	50.0		mg/Kg		01/30/23 08:58	01/30/23 16:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/23 08:58	01/30/23 16:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/23 08:58	01/30/23 16:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	01/30/23 08:58	01/30/23 16:48	1
o-Terphenyl	118		70 - 130	01/30/23 08:58	01/30/23 16:48	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			01/28/23 04:42	1

Client Sample ID: SW-7 (1.5')

Lab Sample ID: 880-24178-34

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:20	02/04/23 00:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/04/23 00:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/04/23 00:35	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/27/23 12:20	02/04/23 00:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/04/23 00:35	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/27/23 12:20	02/04/23 00:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	41	S1-	70 - 130	01/27/23 12:20	02/04/23 00:35	1
1,4-Difluorobenzene (Surr)	88		70 - 130	01/27/23 12:20	02/04/23 00:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-7 (1.5')

Lab Sample ID: 880-24178-34

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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			02/04/23 09:59	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			01/31/23 12:00	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	<50.0	U	50.0		mg/Kg		01/30/23 08:58	01/30/23 17:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/23 08:58	01/30/23 17:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/23 08:58	01/30/23 17:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				01/30/23 08:58	01/30/23 17:09	1
o-Terphenyl	109		70 - 130				01/30/23 08:58	01/30/23 17:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			01/28/23 05:01	1

Client Sample ID: SW-8 (1.5')

Lab Sample ID: 880-24178-35

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:20	02/04/23 00:55	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/27/23 12:20	02/04/23 00:55	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/27/23 12:20	02/04/23 00:55	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/27/23 12:20	02/04/23 00:55	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/27/23 12:20	02/04/23 00:55	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/27/23 12:20	02/04/23 00:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				01/27/23 12:20	02/04/23 00:55	1
1,4-Difluorobenzene (Surr)	108		70 - 130				01/27/23 12:20	02/04/23 00:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/04/23 09:59	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			01/31/23 12:00	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		01/30/23 08:58	01/30/23 17:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:58	01/30/23 17:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-8 (1.5')

Lab Sample ID: 880-24178-35

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/30/23 08:58	01/30/23 17:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				01/30/23 08:58	01/30/23 17:31	1
o-Terphenyl	118		70 - 130				01/30/23 08:58	01/30/23 17:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			01/28/23 05:07	1

Client Sample ID: SW-9 (2')

Lab Sample ID: 880-24178-36

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:20	02/04/23 01:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:20	02/04/23 01:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:20	02/04/23 01:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/27/23 12:20	02/04/23 01:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:20	02/04/23 01:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/27/23 12:20	02/04/23 01:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				01/27/23 12:20	02/04/23 01:16	1
1,4-Difluorobenzene (Surr)	102		70 - 130				01/27/23 12:20	02/04/23 01:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/23 09:59	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			01/31/23 12:00	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		01/30/23 08:58	01/30/23 17:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:58	01/30/23 17:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 08:58	01/30/23 17:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				01/30/23 08:58	01/30/23 17:54	1
o-Terphenyl	97		70 - 130				01/30/23 08:58	01/30/23 17:54	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			01/28/23 05:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-10 (2')

Lab Sample ID: 880-24178-37

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:20	02/04/23 01:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/04/23 01:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/04/23 01:37	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/27/23 12:20	02/04/23 01:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/04/23 01:37	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/27/23 12:20	02/04/23 01:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	01/27/23 12:20	02/04/23 01:37	1
1,4-Difluorobenzene (Surr)	89		70 - 130	01/27/23 12:20	02/04/23 01:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/04/23 09:59	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			01/31/23 12:00	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		01/30/23 08:58	01/30/23 18:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:58	01/30/23 18:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 08:58	01/30/23 18:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	01/30/23 08:58	01/30/23 18:16	1
o-Terphenyl	85		70 - 130	01/30/23 08:58	01/30/23 18:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			01/28/23 05:19	1

Client Sample ID: SW-11 (2')

Lab Sample ID: 880-24178-38

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:20	02/04/23 01:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/04/23 01:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/04/23 01:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/27/23 12:20	02/04/23 01:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/04/23 01:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/27/23 12:20	02/04/23 01:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	01/27/23 12:20	02/04/23 01:57	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/27/23 12:20	02/04/23 01:57	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-11 (2')

Lab Sample ID: 880-24178-38

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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			02/04/23 09:59	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			01/31/23 12:00	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		01/30/23 08:58	01/30/23 18:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:58	01/30/23 18:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 08:58	01/30/23 18:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				01/30/23 08:58	01/30/23 18:39	1
o-Terphenyl	86		70 - 130				01/30/23 08:58	01/30/23 18:39	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			01/28/23 05:25	1

Client Sample ID: SW-12 (3')

Lab Sample ID: 880-24178-39

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:20	02/04/23 02:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:20	02/04/23 02:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:20	02/04/23 02:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/27/23 12:20	02/04/23 02:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:20	02/04/23 02:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/27/23 12:20	02/04/23 02:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	51	S1-	70 - 130				01/27/23 12:20	02/04/23 02:18	1
1,4-Difluorobenzene (Surr)	75		70 - 130				01/27/23 12:20	02/04/23 02:18	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			02/04/23 09:59	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			01/31/23 12:00	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		01/30/23 08:58	01/30/23 19:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:58	01/30/23 19:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-12 (3')

Lab Sample ID: 880-24178-39

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/30/23 08:58	01/30/23 19:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				01/30/23 08:58	01/30/23 19:02	1
o-Terphenyl	108		70 - 130				01/30/23 08:58	01/30/23 19:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			01/28/23 05:32	1

Client Sample ID: SW-13 (3')

Lab Sample ID: 880-24178-40

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:20	02/04/23 02:39	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/27/23 12:20	02/04/23 02:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/27/23 12:20	02/04/23 02:39	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/27/23 12:20	02/04/23 02:39	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/27/23 12:20	02/04/23 02:39	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/27/23 12:20	02/04/23 02:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	37	S1-	70 - 130				01/27/23 12:20	02/04/23 02:39	1
1,4-Difluorobenzene (Surr)	100		70 - 130				01/27/23 12:20	02/04/23 02:39	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			02/04/23 09:59	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			01/31/23 12:00	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	<50.0	U	50.0		mg/Kg		01/30/23 08:58	01/30/23 19:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/23 08:58	01/30/23 19:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/23 08:58	01/30/23 19:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				01/30/23 08:58	01/30/23 19:23	1
o-Terphenyl	94		70 - 130				01/30/23 08:58	01/30/23 19:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			01/28/23 05:38	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-14 (3')

Lab Sample ID: 880-24178-41

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:20	02/04/23 04:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/27/23 12:20	02/04/23 04:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/27/23 12:20	02/04/23 04:04	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/27/23 12:20	02/04/23 04:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/27/23 12:20	02/04/23 04:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/27/23 12:20	02/04/23 04:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	43	S1-	70 - 130	01/27/23 12:20	02/04/23 04:04	1
1,4-Difluorobenzene (Surr)	81		70 - 130	01/27/23 12:20	02/04/23 04:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/23 09:59	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			01/31/23 12:00	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	<50.0	U	50.0		mg/Kg		01/30/23 11:57	01/30/23 21:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/23 11:57	01/30/23 21:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/23 11:57	01/30/23 21:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	01/30/23 11:57	01/30/23 21:12	1
o-Terphenyl	111		70 - 130	01/30/23 11:57	01/30/23 21:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.9		5.03		mg/Kg			01/28/23 03:11	1

Client Sample ID: SW-15 (2')

Lab Sample ID: 880-24178-42

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:20	02/04/23 04:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/04/23 04:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/04/23 04:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/27/23 12:20	02/04/23 04:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/04/23 04:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/27/23 12:20	02/04/23 04:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	39	S1-	70 - 130	01/27/23 12:20	02/04/23 04:25	1
1,4-Difluorobenzene (Surr)	107		70 - 130	01/27/23 12:20	02/04/23 04:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-15 (2')

Lab Sample ID: 880-24178-42

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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			02/04/23 09:59	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			01/31/23 12:00	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		01/30/23 11:57	01/30/23 22:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 11:57	01/30/23 22:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 11:57	01/30/23 22:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				01/30/23 11:57	01/30/23 22:17	1
o-Terphenyl	113		70 - 130				01/30/23 11:57	01/30/23 22:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.5		5.00		mg/Kg			01/28/23 03:26	1

Client Sample ID: SW-16 (2')

Lab Sample ID: 880-24178-43

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:20	02/04/23 04:45	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/27/23 12:20	02/04/23 04:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/27/23 12:20	02/04/23 04:45	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/27/23 12:20	02/04/23 04:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/27/23 12:20	02/04/23 04:45	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/27/23 12:20	02/04/23 04:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				01/27/23 12:20	02/04/23 04:45	1
1,4-Difluorobenzene (Surr)	107		70 - 130				01/27/23 12:20	02/04/23 04:45	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			02/04/23 09:59	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			01/31/23 12:00	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	<50.0	U	50.0		mg/Kg		01/30/23 11:57	01/30/23 22:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/23 11:57	01/30/23 22:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-16 (2')

Lab Sample ID: 880-24178-43

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/30/23 11:57	01/30/23 22:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				01/30/23 11:57	01/30/23 22:39	1
o-Terphenyl	108		70 - 130				01/30/23 11:57	01/30/23 22:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		4.97		mg/Kg			01/28/23 03:31	1

Client Sample ID: SW-17 (6')

Lab Sample ID: 880-24178-44

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:20	02/04/23 05:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:20	02/04/23 05:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:20	02/04/23 05:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/27/23 12:20	02/04/23 05:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:20	02/04/23 05:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/27/23 12:20	02/04/23 05:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				01/27/23 12:20	02/04/23 05:06	1
1,4-Difluorobenzene (Surr)	96		70 - 130				01/27/23 12:20	02/04/23 05:06	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			02/04/23 09:59	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			01/31/23 12:00	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	<50.0	U	50.0		mg/Kg		01/30/23 11:57	01/30/23 23:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/23 11:57	01/30/23 23:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/23 11:57	01/30/23 23:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				01/30/23 11:57	01/30/23 23:01	1
o-Terphenyl	108		70 - 130				01/30/23 11:57	01/30/23 23:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	157		5.05		mg/Kg			01/28/23 03:35	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-18 (6')

Lab Sample ID: 880-24178-45

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:20	02/04/23 05:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/04/23 05:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/04/23 05:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/27/23 12:20	02/04/23 05:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/04/23 05:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/27/23 12:20	02/04/23 05:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	01/27/23 12:20	02/04/23 05:27	1
1,4-Difluorobenzene (Surr)	64	S1-	70 - 130	01/27/23 12:20	02/04/23 05:27	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			02/04/23 09:59	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			01/31/23 12:00	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		01/30/23 11:57	01/30/23 23:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 11:57	01/30/23 23:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 11:57	01/30/23 23:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	01/30/23 11:57	01/30/23 23:22	1
o-Terphenyl	122		70 - 130	01/30/23 11:57	01/30/23 23:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60.5		4.99		mg/Kg			01/28/23 03:40	1

Client Sample ID: SW-19 (2')

Lab Sample ID: 880-24178-46

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:20	02/04/23 05:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:20	02/04/23 05:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:20	02/04/23 05:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/27/23 12:20	02/04/23 05:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:20	02/04/23 05:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/27/23 12:20	02/04/23 05:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	01/27/23 12:20	02/04/23 05:48	1
1,4-Difluorobenzene (Surr)	105		70 - 130	01/27/23 12:20	02/04/23 05:48	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-19 (2')

Lab Sample ID: 880-24178-46

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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			02/04/23 09:59	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			01/31/23 12:00	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		01/30/23 11:57	01/30/23 23:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 11:57	01/30/23 23:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 11:57	01/30/23 23:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				01/30/23 11:57	01/30/23 23:45	1
o-Terphenyl	122		70 - 130				01/30/23 11:57	01/30/23 23:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	132		5.01		mg/Kg			01/28/23 03:55	1

Client Sample ID: SW-20 (2')

Lab Sample ID: 880-24178-47

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:20	02/04/23 06:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:20	02/04/23 06:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:20	02/04/23 06:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/27/23 12:20	02/04/23 06:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/27/23 12:20	02/04/23 06:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/27/23 12:20	02/04/23 06:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				01/27/23 12:20	02/04/23 06:08	1
1,4-Difluorobenzene (Surr)	81		70 - 130				01/27/23 12:20	02/04/23 06:08	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			02/04/23 09:59	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			01/31/23 12:00	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		01/30/23 11:57	01/31/23 00:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 11:57	01/31/23 00:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-20 (2')

Lab Sample ID: 880-24178-47

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/30/23 11:57	01/31/23 00:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				01/30/23 11:57	01/31/23 00:06	1
o-Terphenyl	131	S1+	70 - 130				01/30/23 11:57	01/31/23 00:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122		5.00		mg/Kg			01/28/23 03:59	1

Client Sample ID: SW-21 (2')

Lab Sample ID: 880-24178-48

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:20	02/04/23 06:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/04/23 06:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/04/23 06:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/27/23 12:20	02/04/23 06:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/04/23 06:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/27/23 12:20	02/04/23 06:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				01/27/23 12:20	02/04/23 06:29	1
1,4-Difluorobenzene (Surr)	67	S1-	70 - 130				01/27/23 12:20	02/04/23 06:29	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			02/04/23 09:59	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			01/31/23 12:00	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		01/30/23 11:57	01/31/23 00:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 11:57	01/31/23 00:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 11:57	01/31/23 00:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				01/30/23 11:57	01/31/23 00:27	1
o-Terphenyl	127		70 - 130				01/30/23 11:57	01/31/23 00:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	132		5.02		mg/Kg			01/28/23 04:04	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-22 (6')

Lab Sample ID: 880-24178-49

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:20	02/04/23 06:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/27/23 12:20	02/04/23 06:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/27/23 12:20	02/04/23 06:50	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/27/23 12:20	02/04/23 06:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/27/23 12:20	02/04/23 06:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/27/23 12:20	02/04/23 06:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	01/27/23 12:20	02/04/23 06:50	1
1,4-Difluorobenzene (Surr)	109		70 - 130	01/27/23 12:20	02/04/23 06:50	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			02/04/23 09:59	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			01/31/23 12:00	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		01/30/23 11:57	01/31/23 00:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 11:57	01/31/23 00:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 11:57	01/31/23 00:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	01/30/23 11:57	01/31/23 00:49	1
o-Terphenyl	132	S1+	70 - 130	01/30/23 11:57	01/31/23 00:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	155		5.01		mg/Kg			01/28/23 04:09	1

Client Sample ID: SW-23 (6')

Lab Sample ID: 880-24178-50

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:20	02/04/23 07:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/04/23 07:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/04/23 07:10	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/27/23 12:20	02/04/23 07:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/04/23 07:10	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/27/23 12:20	02/04/23 07:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	45	S1-	70 - 130	01/27/23 12:20	02/04/23 07:10	1
1,4-Difluorobenzene (Surr)	77		70 - 130	01/27/23 12:20	02/04/23 07:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-23 (6')

Lab Sample ID: 880-24178-50

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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			02/04/23 09:59	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			01/31/23 12:00	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	<50.0	U	50.0		mg/Kg		01/30/23 11:57	01/31/23 01:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/23 11:57	01/31/23 01:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/23 11:57	01/31/23 01:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				01/30/23 11:57	01/31/23 01:10	1
o-Terphenyl	121		70 - 130				01/30/23 11:57	01/31/23 01:10	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			01/28/23 04:14	1

Client Sample ID: SW-24 (2')

Lab Sample ID: 880-24178-51

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		01/27/23 12:27	01/30/23 13:14	1
Toluene	<0.00200	U *- *1	0.00200		mg/Kg		01/27/23 12:27	01/30/23 13:14	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		01/27/23 12:27	01/30/23 13:14	1
m-Xylene & p-Xylene	<0.00401	U *- *1	0.00401		mg/Kg		01/27/23 12:27	01/30/23 13:14	1
o-Xylene	<0.00200	U *- *1	0.00200		mg/Kg		01/27/23 12:27	01/30/23 13:14	1
Xylenes, Total	<0.00401	U *- *1	0.00401		mg/Kg		01/27/23 12:27	01/30/23 13:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				01/27/23 12:27	01/30/23 13:14	1
1,4-Difluorobenzene (Surr)	96		70 - 130				01/27/23 12:27	01/30/23 13:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/31/23 14:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/31/23 12:00	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		01/30/23 11:57	01/31/23 01:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 11:57	01/31/23 01:52	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-24 (2')

Lab Sample ID: 880-24178-51

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/30/23 11:57	01/31/23 01:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				01/30/23 11:57	01/31/23 01:52	1
o-Terphenyl	113		70 - 130				01/30/23 11:57	01/31/23 01:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.9	F1	5.00		mg/Kg			01/28/23 04:18	1

Client Sample ID: SW-25 (4')

Lab Sample ID: 880-24178-52

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:27	01/30/23 13:35	1
Toluene	<0.00198	U *- *1	0.00198		mg/Kg		01/27/23 12:27	01/30/23 13:35	1
Ethylbenzene	<0.00198	U *- *1	0.00198		mg/Kg		01/27/23 12:27	01/30/23 13:35	1
m-Xylene & p-Xylene	<0.00396	U *- *1	0.00396		mg/Kg		01/27/23 12:27	01/30/23 13:35	1
o-Xylene	<0.00198	U *- *1	0.00198		mg/Kg		01/27/23 12:27	01/30/23 13:35	1
Xylenes, Total	<0.00396	U *- *1	0.00396		mg/Kg		01/27/23 12:27	01/30/23 13:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130				01/27/23 12:27	01/30/23 13:35	1
1,4-Difluorobenzene (Surr)	90		70 - 130				01/27/23 12:27	01/30/23 13:35	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			01/31/23 14:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/31/23 12:00	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		01/30/23 11:57	01/31/23 02:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 11:57	01/31/23 02:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 11:57	01/31/23 02:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				01/30/23 11:57	01/31/23 02:13	1
o-Terphenyl	126		70 - 130				01/30/23 11:57	01/31/23 02:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			01/28/23 04:33	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-26 (4')

Lab Sample ID: 880-24178-53

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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		01/27/23 12:27	01/30/23 13:55	1
Toluene	<0.00199	U *- *1	0.00199		mg/Kg		01/27/23 12:27	01/30/23 13:55	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		01/27/23 12:27	01/30/23 13:55	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398		mg/Kg		01/27/23 12:27	01/30/23 13:55	1
o-Xylene	<0.00199	U *- *1	0.00199		mg/Kg		01/27/23 12:27	01/30/23 13:55	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		01/27/23 12:27	01/30/23 13:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	01/27/23 12:27	01/30/23 13:55	1
1,4-Difluorobenzene (Surr)	89		70 - 130	01/27/23 12:27	01/30/23 13:55	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			01/31/23 14:02	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			01/31/23 12:00	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	<50.0	U	50.0		mg/Kg		01/30/23 11:57	01/31/23 02:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/23 11:57	01/31/23 02:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/23 11:57	01/31/23 02:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130	01/30/23 11:57	01/31/23 02:34	1
o-Terphenyl	141	S1+	70 - 130	01/30/23 11:57	01/31/23 02:34	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			01/28/23 04:38	1

Client Sample ID: SW-27 (1')

Lab Sample ID: 880-24178-54

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		01/27/23 12:27	01/30/23 14:16	1
Toluene	<0.00200	U *- *1	0.00200		mg/Kg		01/27/23 12:27	01/30/23 14:16	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		01/27/23 12:27	01/30/23 14:16	1
m-Xylene & p-Xylene	<0.00399	U *- *1	0.00399		mg/Kg		01/27/23 12:27	01/30/23 14:16	1
o-Xylene	<0.00200	U *- *1	0.00200		mg/Kg		01/27/23 12:27	01/30/23 14:16	1
Xylenes, Total	<0.00399	U *- *1	0.00399		mg/Kg		01/27/23 12:27	01/30/23 14:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	01/27/23 12:27	01/30/23 14:16	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/27/23 12:27	01/30/23 14:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-27 (1')

Lab Sample ID: 880-24178-54

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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			01/31/23 14:02	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			01/31/23 12:00	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	<50.0	U	50.0		mg/Kg		01/30/23 11:57	01/31/23 02:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/23 11:57	01/31/23 02:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/23 11:57	01/31/23 02:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				01/30/23 11:57	01/31/23 02:55	1
o-Terphenyl	136	S1+	70 - 130				01/30/23 11:57	01/31/23 02:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			01/28/23 04:52	1

Surrogate Summary

Client: Carmona Resources

Job ID: 880-24178-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-24178-1	CS-1 (1.5')	81	68 S1-
880-24178-2	CS-2 (1.5')	100	91
880-24178-3	CS-3 (1.5')	93	86
880-24178-4	CS-4 (1.5')	100	88
880-24178-5	CS-5 (1.5')	90	88
880-24178-6	CS-6 (1.5')	93	92
880-24178-7	CS-7 (1.5')	91	66 S1-
880-24178-8	CS-8 (1.5')	86	88
880-24178-9	CS-9 (1.5')	78	71
880-24178-10	CS-10 (1.5')	85	67 S1-
880-24178-11	CS-11 (1.5')	81	87
880-24178-11 MS	CS-11 (1.5')	122	100
880-24178-11 MSD	CS-11 (1.5')	137 S1+	100
880-24178-12	CS-12 (2')	75	89
880-24178-13	CS-13 (2')	82	66 S1-
880-24178-14	CS-14 (2')	67 S1-	92
880-24178-15	CS-15 (2')	71	80
880-24178-16	CS-16 (2')	81	77
880-24178-17	CS-17 (2')	59 S1-	93
880-24178-18	CS-18 (2')	75	69 S1-
880-24178-19	CS-19 (2')	61 S1-	92
880-24178-20	CS-20 (2')	84	71
880-24178-21	CS-21 (6')	54 S1-	89
880-24178-22	CS-22 (2')	91	87
880-24178-23	CS-23 (2')	87	86
880-24178-24	CS-24 (2')	88	73
880-24178-25	CS-25 (2')	87	82
880-24178-26	CS-26 (2')	46 S1-	101
880-24178-27	CS-27 (3')	86	77
880-24178-28	SW-1 (1.5')	86	91
880-24178-29	SW-2 (0.5')	84	73
880-24178-30	SW-3 (0.5')	58 S1-	92
880-24178-31	SW-4 (0.5')	99	69 S1-
880-24178-31 MS	SW-4 (0.5')	59 S1-	73
880-24178-31 MSD	SW-4 (0.5')	94	107
880-24178-32	SW-5 (1.5')	102	74
880-24178-33	SW-6 (1.5')	102	88
880-24178-34	SW-7 (1.5')	41 S1-	88
880-24178-35	SW-8 (1.5')	116	108
880-24178-36	SW-9 (2')	107	102
880-24178-37	SW-10 (2')	107	89
880-24178-38	SW-11 (2')	110	103
880-24178-39	SW-12 (3')	51 S1-	75
880-24178-40	SW-13 (3')	37 S1-	100
880-24178-41	SW-14 (3')	43 S1-	81
880-24178-42	SW-15 (2')	39 S1-	107
880-24178-43	SW-16 (2')	111	107
880-24178-44	SW-17 (6')	112	96
880-24178-45	SW-18 (6')	81	64 S1-

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-24178-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy 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)
880-24178-46	SW-19 (2')	114	105
880-24178-47	SW-20 (2')	114	81
880-24178-48	SW-21 (2')	97	67 S1-
880-24178-49	SW-22 (6')	115	109
880-24178-50	SW-23 (6')	45 S1-	77
880-24178-51	SW-24 (2')	80	96
880-24178-51 MS	SW-24 (2')	109	107
880-24178-51 MSD	SW-24 (2')	109	105
880-24178-52	SW-25 (4')	82	90
880-24178-53	SW-26 (4')	103	89
880-24178-54	SW-27 (1')	87	96
LCS 880-44912/1-A	Lab Control Sample	105	105
LCS 880-44918/1-A	Lab Control Sample	134 S1+	103
LCS 880-44921/1-A	Lab Control Sample	95	101
LCS 880-44925/1-A	Lab Control Sample	101	103
LCSD 880-44912/2-A	Lab Control Sample Dup	111	95
LCSD 880-44918/2-A	Lab Control Sample Dup	91	106
LCSD 880-44921/2-A	Lab Control Sample Dup	101	104
LCSD 880-44925/2-A	Lab Control Sample Dup	93	109
MB 880-44912/5-A	Method Blank	71	90
MB 880-44918/5-A	Method Blank	76	89
MB 880-44921/5-A	Method Blank	83	90
MB 880-44925/5-A	Method Blank	71	94
MB 880-45334/5-A	Method Blank	84	91
MB 880-45356/5-A	Method Blank	74	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 (70-130)	OTPH1 (70-130)
880-24178-1	CS-1 (1.5')	112	126
880-24178-1 MS	CS-1 (1.5')	101	106
880-24178-1 MSD	CS-1 (1.5')	101	108
880-24178-2	CS-2 (1.5')	111	122
880-24178-3	CS-3 (1.5')	108	119
880-24178-4	CS-4 (1.5')	105	116
880-24178-5	CS-5 (1.5')	104	114
880-24178-6	CS-6 (1.5')	108	117
880-24178-7	CS-7 (1.5')	96	109
880-24178-8	CS-8 (1.5')	103	113
880-24178-9	CS-9 (1.5')	95	109
880-24178-10	CS-10 (1.5')	94	107
880-24178-11	CS-11 (1.5')	105	116
880-24178-12	CS-12 (2')	92	106
880-24178-13	CS-13 (2')	89	102

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-24178-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy 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)
880-24178-14	CS-14 (2')	93	104
880-24178-15	CS-15 (2')	100	104
880-24178-16	CS-16 (2')	85	95
880-24178-17	CS-17 (2')	87	98
880-24178-18	CS-18 (2')	104	108
880-24178-19	CS-19 (2')	94	106
880-24178-20	CS-20 (2')	90	98
880-24178-21	CS-21 (6')	93	103
880-24178-21 MS	CS-21 (6')	106	103
880-24178-21 MSD	CS-21 (6')	92	91
880-24178-22	CS-22 (2')	83	88
880-24178-23	CS-23 (2')	81	93
880-24178-24	CS-24 (2')	86	91
880-24178-25	CS-25 (2')	91	98
880-24178-26	CS-26 (2')	78	87
880-24178-27	CS-27 (3')	81	91
880-24178-28	SW-1 (1.5')	86	99
880-24178-29	SW-2 (0.5')	94	109
880-24178-30	SW-3 (0.5')	107	122
880-24178-31	SW-4 (0.5')	113	128
880-24178-32	SW-5 (1.5')	90	103
880-24178-33	SW-6 (1.5')	103	118
880-24178-34	SW-7 (1.5')	95	109
880-24178-35	SW-8 (1.5')	105	118
880-24178-36	SW-9 (2')	91	97
880-24178-37	SW-10 (2')	76	85
880-24178-38	SW-11 (2')	76	86
880-24178-39	SW-12 (3')	100	108
880-24178-40	SW-13 (3')	83	94
880-24178-41	SW-14 (3')	99	111
880-24178-41 MS	SW-14 (3')	89	92
880-24178-41 MSD	SW-14 (3')	101	100
880-24178-42	SW-15 (2')	102	113
880-24178-43	SW-16 (2')	95	108
880-24178-44	SW-17 (6')	95	108
880-24178-45	SW-18 (6')	114	122
880-24178-46	SW-19 (2')	113	122
880-24178-47	SW-20 (2')	114	131 S1+
880-24178-48	SW-21 (2')	111	127
880-24178-49	SW-22 (6')	116	132 S1+
880-24178-50	SW-23 (6')	106	121
880-24178-51	SW-24 (2')	99	113
880-24178-52	SW-25 (4')	111	126
880-24178-53	SW-26 (4')	126	141 S1+
880-24178-54	SW-27 (1')	121	136 S1+
LCS 880-44990/2-A	Lab Control Sample	121	126
LCS 880-44991/2-A	Lab Control Sample	93	97
LCS 880-45046/2-A	Lab Control Sample	105	110
LCSD 880-44990/3-A	Lab Control Sample Dup	105	100
LCSD 880-44991/3-A	Lab Control Sample Dup	82	88

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-24178-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy 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)
LCSD 880-45046/3-A	Lab Control Sample Dup	102	105
MB 880-44990/1-A	Method Blank	140 S1+	156 S1+
MB 880-44991/1-A	Method Blank	155 S1+	168 S1+
MB 880-45046/1-A	Method Blank	133 S1+	147 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources

Job ID: 880-24178-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-44912/5-A

Matrix: Solid

Analysis Batch: 45309

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44912

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:07	02/04/23 10:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:07	02/04/23 10:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:07	02/04/23 10:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/27/23 12:07	02/04/23 10:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:07	02/04/23 10:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/27/23 12:07	02/04/23 10:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130	01/27/23 12:07	02/04/23 10:55	1
1,4-Difluorobenzene (Surr)	90		70 - 130	01/27/23 12:07	02/04/23 10:55	1

Lab Sample ID: LCS 880-44912/1-A

Matrix: Solid

Analysis Batch: 45309

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44912

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1030		mg/Kg		103	70 - 130
Toluene	0.100	0.09511		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.09624		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.2062		mg/Kg		103	70 - 130
o-Xylene	0.100	0.1115		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-44912/2-A

Matrix: Solid

Analysis Batch: 45309

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44912

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1123		mg/Kg		112	70 - 130	9	35
Toluene	0.100	0.1077		mg/Kg		108	70 - 130	12	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.2305		mg/Kg		115	70 - 130	11	35
o-Xylene	0.100	0.1208		mg/Kg		121	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: MB 880-44918/5-A

Matrix: Solid

Analysis Batch: 45309

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44918

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:18	02/04/23 21:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:18	02/04/23 21:29	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-44918/5-A

Matrix: Solid

Analysis Batch: 45309

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44918

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:18	02/04/23 21:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/27/23 12:18	02/04/23 21:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:18	02/04/23 21:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/27/23 12:18	02/04/23 21:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	01/27/23 12:18	02/04/23 21:29	1
1,4-Difluorobenzene (Surr)	89		70 - 130	01/27/23 12:18	02/04/23 21:29	1

Lab Sample ID: LCS 880-44918/1-A

Matrix: Solid

Analysis Batch: 45309

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44918

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09923		mg/Kg		99	70 - 130
Toluene	0.100	0.1115		mg/Kg		112	70 - 130
Ethylbenzene	0.100	0.1282		mg/Kg		128	70 - 130
m-Xylene & p-Xylene	0.200	0.2747	*+	mg/Kg		137	70 - 130
o-Xylene	0.100	0.1372	*+	mg/Kg		137	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-44918/2-A

Matrix: Solid

Analysis Batch: 45309

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44918

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1104		mg/Kg		110	70 - 130	11	35
Toluene	0.100	0.09842		mg/Kg		98	70 - 130	12	35
Ethylbenzene	0.100	0.09301		mg/Kg		93	70 - 130	32	35
m-Xylene & p-Xylene	0.200	0.1825	*1	mg/Kg		91	70 - 130	40	35
o-Xylene	0.100	0.09129	*1	mg/Kg		91	70 - 130	40	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-24178-11 MS

Matrix: Solid

Analysis Batch: 45309

Client Sample ID: CS-11 (1.5')

Prep Type: Total/NA

Prep Batch: 44918

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1	0.100	0.07283		mg/Kg		73	70 - 130
Toluene	<0.00201	U F1	0.100	0.05790	F1	mg/Kg		58	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.07217		mg/Kg		72	70 - 130
m-Xylene & p-Xylene	<0.00402	U *+ *1	0.200	0.1452		mg/Kg		72	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24178-11 MS

Matrix: Solid

Analysis Batch: 45309

Client Sample ID: CS-11 (1.5')

Prep Type: Total/NA

Prep Batch: 44918

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	<0.00201	U *+ *1	0.100	0.08778		mg/Kg		88	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-24178-11 MSD

Matrix: Solid

Analysis Batch: 45309

Client Sample ID: CS-11 (1.5')

Prep Type: Total/NA

Prep Batch: 44918

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.0990	0.06460	F1	mg/Kg		65	70 - 130	12	35
Toluene	<0.00201	U F1	0.0990	0.05651	F1	mg/Kg		57	70 - 130	2	35
Ethylbenzene	<0.00201	U	0.0990	0.07622		mg/Kg		77	70 - 130	5	35
m-Xylene & p-Xylene	<0.00402	U *+ *1	0.198	0.1560		mg/Kg		79	70 - 130	7	35
o-Xylene	<0.00201	U *+ *1	0.0990	0.09305		mg/Kg		94	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-44921/5-A

Matrix: Solid

Analysis Batch: 45310

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44921

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/03/23 23:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/03/23 23:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/03/23 23:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/27/23 12:20	02/03/23 23:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:20	02/03/23 23:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/27/23 12:20	02/03/23 23:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	01/27/23 12:20	02/03/23 23:11	1
1,4-Difluorobenzene (Surr)	90		70 - 130	01/27/23 12:20	02/03/23 23:11	1

Lab Sample ID: LCS 880-44921/1-A

Matrix: Solid

Analysis Batch: 45310

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44921

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08552		mg/Kg		86	70 - 130
Toluene	0.100	0.08104		mg/Kg		81	70 - 130
Ethylbenzene	0.100	0.07693		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	0.200	0.1646		mg/Kg		82	70 - 130
o-Xylene	0.100	0.08462		mg/Kg		85	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-44921/1-A

Matrix: Solid

Analysis Batch: 45310

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44921

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-44921/2-A

Matrix: Solid

Analysis Batch: 45310

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44921

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09908		mg/Kg		99	70 - 130	15	35
Toluene	0.100	0.09263		mg/Kg		93	70 - 130	13	35
Ethylbenzene	0.100	0.08860		mg/Kg		89	70 - 130	14	35
m-Xylene & p-Xylene	0.200	0.1886		mg/Kg		94	70 - 130	14	35
o-Xylene	0.100	0.09841		mg/Kg		98	70 - 130	15	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-24178-31 MS

Matrix: Solid

Analysis Batch: 45310

Client Sample ID: SW-4 (0.5')

Prep Type: Total/NA

Prep Batch: 44921

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U F2 F1	0.0998	0.02998	F1	mg/Kg		30	70 - 130
Toluene	<0.00198	U F2 F1	0.0998	0.04297	F1	mg/Kg		43	70 - 130
Ethylbenzene	<0.00198	U F2 F1	0.0998	0.04072	F1	mg/Kg		41	70 - 130
m-Xylene & p-Xylene	<0.00396	U F2 F1	0.200	0.06409	F1	mg/Kg		32	70 - 130
o-Xylene	<0.00198	U F2 F1	0.0998	0.03657	F1	mg/Kg		37	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	59	S1-	70 - 130
1,4-Difluorobenzene (Surr)	73		70 - 130

Lab Sample ID: 880-24178-31 MSD

Matrix: Solid

Analysis Batch: 45310

Client Sample ID: SW-4 (0.5')

Prep Type: Total/NA

Prep Batch: 44921

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U F2 F1	0.100	0.08527	F2	mg/Kg		85	70 - 130	96	35
Toluene	<0.00198	U F2 F1	0.100	0.06699	F2 F1	mg/Kg		67	70 - 130	44	35
Ethylbenzene	<0.00198	U F2 F1	0.100	0.06498	F2 F1	mg/Kg		65	70 - 130	46	35
m-Xylene & p-Xylene	<0.00396	U F2 F1	0.200	0.1277	F2 F1	mg/Kg		64	70 - 130	66	35
o-Xylene	<0.00198	U F2 F1	0.100	0.07327	F2	mg/Kg		73	70 - 130	67	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-44925/5-A

Matrix: Solid

Analysis Batch: 44988

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44925

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:27	01/30/23 12:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:27	01/30/23 12:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:27	01/30/23 12:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/27/23 12:27	01/30/23 12:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/23 12:27	01/30/23 12:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/27/23 12:27	01/30/23 12:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130	01/27/23 12:27	01/30/23 12:53	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/27/23 12:27	01/30/23 12:53	1

Lab Sample ID: LCS 880-44925/1-A

Matrix: Solid

Analysis Batch: 44988

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44925

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08717		mg/Kg		87	70 - 130
Toluene	0.100	0.08268		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.08368		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	0.200	0.1754		mg/Kg		88	70 - 130
o-Xylene	0.100	0.08769		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-44925/2-A

Matrix: Solid

Analysis Batch: 44988

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44925

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.05057	*- *1	mg/Kg		51	70 - 130	53	35
Toluene	0.100	0.04357	*- *1	mg/Kg		44	70 - 130	62	35
Ethylbenzene	0.100	0.04001	*- *1	mg/Kg		40	70 - 130	71	35
m-Xylene & p-Xylene	0.200	0.08355	*- *1	mg/Kg		42	70 - 130	71	35
o-Xylene	0.100	0.04282	*- *1	mg/Kg		43	70 - 130	69	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-24178-51 MS

Matrix: Solid

Analysis Batch: 44988

Client Sample ID: SW-24 (2')

Prep Type: Total/NA

Prep Batch: 44925

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U *- *1	0.0996	0.09929		mg/Kg		100	70 - 130
Toluene	<0.00200	U *- *1	0.0996	0.08904		mg/Kg		89	70 - 130

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QC Sample Results

Client: Carmona Resources

Job ID: 880-24178-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24178-51 MS

Client Sample ID: SW-24 (2')

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 44988

Prep Batch: 44925

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U *- *1	0.0996	0.09013		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	<0.00401	U *- *1	0.199	0.1845		mg/Kg		93	70 - 130
o-Xylene	<0.00200	U *- *1	0.0996	0.09241		mg/Kg		93	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-24178-51 MSD

Client Sample ID: SW-24 (2')

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 44988

Prep Batch: 44925

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U *- *1	0.0996	0.08957		mg/Kg		90	70 - 130	10	35
Toluene	<0.00200	U *- *1	0.0996	0.07713		mg/Kg		77	70 - 130	14	35
Ethylbenzene	<0.00200	U *- *1	0.0996	0.07463		mg/Kg		75	70 - 130	19	35
m-Xylene & p-Xylene	<0.00401	U *- *1	0.199	0.1515		mg/Kg		76	70 - 130	20	35
o-Xylene	<0.00200	U *- *1	0.0996	0.07724		mg/Kg		78	70 - 130	18	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: MB 880-45334/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 45310

Prep Batch: 45334

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/23 09:18	02/03/23 12:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/23 09:18	02/03/23 12:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/23 09:18	02/03/23 12:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/03/23 09:18	02/03/23 12:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/23 09:18	02/03/23 12:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/03/23 09:18	02/03/23 12:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	02/03/23 09:18	02/03/23 12:24	1
1,4-Difluorobenzene (Surr)	91		70 - 130	02/03/23 09:18	02/03/23 12:24	1

Lab Sample ID: MB 880-45356/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 45309

Prep Batch: 45356

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/23 10:58	02/03/23 22:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/23 10:58	02/03/23 22:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/23 10:58	02/03/23 22:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/03/23 10:58	02/03/23 22:58	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-45356/5-A

Matrix: Solid

Analysis Batch: 45309

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45356

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/23 10:58	02/03/23 22:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/03/23 10:58	02/03/23 22:58	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130				02/03/23 10:58	02/03/23 22:58	1
1,4-Difluorobenzene (Surr)	95		70 - 130				02/03/23 10:58	02/03/23 22:58	1

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

Lab Sample ID: MB 880-44990/1-A

Matrix: Solid

Analysis Batch: 44980

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44990

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/23 08:27	01/30/23 08:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:27	01/30/23 08:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 08:27	01/30/23 08:36	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130				01/30/23 08:27	01/30/23 08:36	1
o-Terphenyl	156	S1+	70 - 130				01/30/23 08:27	01/30/23 08:36	1

Lab Sample ID: LCS 880-44990/2-A

Matrix: Solid

Analysis Batch: 44980

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44990

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	999	908.9		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	999	947.5		mg/Kg		95	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	121		70 - 130				
o-Terphenyl	126		70 - 130				

Lab Sample ID: LCSD 880-44990/3-A

Matrix: Solid

Analysis Batch: 44980

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44990

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	999	980.9		mg/Kg		98	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	999	1072		mg/Kg		107	70 - 130	12	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-44990/3-A
Matrix: Solid
Analysis Batch: 44980

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 44990

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	105		70 - 130
o-Terphenyl	100		70 - 130

Lab Sample ID: 880-24178-1 MS
Matrix: Solid
Analysis Batch: 44980

Client Sample ID: CS-1 (1.5')
Prep Type: Total/NA
Prep Batch: 44990

	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	1000	1141		mg/Kg		111	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1149		mg/Kg		115	70 - 130	
	MS	MS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	101		70 - 130							
o-Terphenyl	106		70 - 130							

Lab Sample ID: 880-24178-1 MSD
Matrix: Solid
Analysis Batch: 44980

Client Sample ID: CS-1 (1.5')
Prep Type: Total/NA
Prep Batch: 44990

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1126		mg/Kg		109	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1158		mg/Kg		116	70 - 130	1	20	
	MSD	MSD										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	101		70 - 130									
o-Terphenyl	108		70 - 130									

Lab Sample ID: MB 880-44991/1-A
Matrix: Solid
Analysis Batch: 44982

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 44991

	MB	MB										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac			
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/23 08:28	01/30/23 08:36	1			
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 08:28	01/30/23 08:36	1			
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 08:28	01/30/23 08:36	1			
	MB	MB										
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac			
1-Chlorooctane	155	S1+	70 - 130				01/30/23 08:28	01/30/23 08:36	1			
o-Terphenyl	168	S1+	70 - 130				01/30/23 08:28	01/30/23 08:36	1			

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-44991/2-A

Matrix: Solid

Analysis Batch: 44982

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44991

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			999	951.9		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)			999	970.3		mg/Kg		97	70 - 130		
		LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	93		70 - 130								
o-Terphenyl	97		70 - 130								

Lab Sample ID: LCSD 880-44991/3-A

Matrix: Solid

Analysis Batch: 44982

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44991

Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier			Limits	Limit		
Gasoline Range Organics (GRO)-C6-C10			999	879.3		mg/Kg		88	70 - 130	8	20
Diesel Range Organics (Over C10-C28)			999	946.1		mg/Kg		95	70 - 130	3	20
Surrogate	LCSD	LCSD	Limits								
	%Recovery	Qualifier									
1-Chlorooctane	82		70 - 130								
o-Terphenyl	88		70 - 130								

Lab Sample ID: 880-24178-21 MS

Matrix: Solid

Analysis Batch: 44982

Client Sample ID: CS-21 (6')

Prep Type: Total/NA

Prep Batch: 44991

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1046		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1170		mg/Kg		115	70 - 130		
Surrogate	MS	MS	Limits								
	%Recovery	Qualifier									
1-Chlorooctane	106		70 - 130								
o-Terphenyl	103		70 - 130								

Lab Sample ID: 880-24178-21 MSD

Matrix: Solid

Analysis Batch: 44982

Client Sample ID: CS-21 (6')

Prep Type: Total/NA

Prep Batch: 44991

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	902.1		mg/Kg		90	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1041		mg/Kg		102	70 - 130	12	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24178-21 MSD

Matrix: Solid

Analysis Batch: 44982

Client Sample ID: CS-21 (6')

Prep Type: Total/NA

Prep Batch: 44991

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	91		70 - 130

Lab Sample ID: MB 880-45046/1-A

Matrix: Solid

Analysis Batch: 44982

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45046

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/23 11:57	01/30/23 20:08	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/23 11:57	01/30/23 20:08	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/23 11:57	01/30/23 20:08	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	133	S1+	70 - 130				01/30/23 11:57	01/30/23 20:08	1	
<i>o</i> -Terphenyl	147	S1+	70 - 130				01/30/23 11:57	01/30/23 20:08	1	

Lab Sample ID: LCS 880-45046/2-A

Matrix: Solid

Analysis Batch: 44982

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45046

		Spike	LCS	LCS				%Rec		
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10		999	1093		mg/Kg		109	70 - 130		
Diesel Range Organics (Over C10-C28)		999	1104		mg/Kg		111	70 - 130		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	105		70 - 130							
<i>o</i> -Terphenyl	110		70 - 130							

Lab Sample ID: LCSD 880-45046/3-A

Matrix: Solid

Analysis Batch: 44982

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45046

			Spike	LCSD	LCSD				%Rec		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			999	1161		mg/Kg		116	70 - 130	6	20
Diesel Range Organics (Over C10-C28)			999	1160		mg/Kg		116	70 - 130	5	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24178-41 MS

Matrix: Solid

Analysis Batch: 44982

Client Sample ID: SW-14 (3')

Prep Type: Total/NA

Prep Batch: 45046

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	1000	850.5		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1007		mg/Kg		99	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	89		70 - 130								
o-Terphenyl	92		70 - 130								

Lab Sample ID: 880-24178-41 MSD

Matrix: Solid

Analysis Batch: 44982

Client Sample ID: SW-14 (3')

Prep Type: Total/NA

Prep Batch: 45046

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	998	1029		mg/Kg		103	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1102		mg/Kg		109	70 - 130	9	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	101		70 - 130								
o-Terphenyl	100		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-44916/1-A

Matrix: Solid

Analysis Batch: 44960

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			01/28/23 02:57	1

Lab Sample ID: LCS 880-44916/2-A

Matrix: Solid

Analysis Batch: 44960

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	264.3		mg/Kg		106	90 - 110		

Lab Sample ID: LCSD 880-44916/3-A

Matrix: Solid

Analysis Batch: 44960

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	261.7		mg/Kg		105	90 - 110	1	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources

Job ID: 880-24178-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-24178-41 MS

Matrix: Solid

Analysis Batch: 44960

Client Sample ID: SW-14 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	85.9		252	362.3		mg/Kg		110	90 - 110		

Lab Sample ID: 880-24178-41 MSD

Matrix: Solid

Analysis Batch: 44960

Client Sample ID: SW-14 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	85.9		252	361.9		mg/Kg		110	90 - 110	0	20

Lab Sample ID: 880-24178-51 MS

Matrix: Solid

Analysis Batch: 44960

Client Sample ID: SW-24 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	79.9	F1	250	271.2	F1	mg/Kg		77	90 - 110		

Lab Sample ID: 880-24178-51 MSD

Matrix: Solid

Analysis Batch: 44960

Client Sample ID: SW-24 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	79.9	F1	250	302.9	F1	mg/Kg		89	90 - 110	11	20

Lab Sample ID: MB 880-44914/1-A

Matrix: Solid

Analysis Batch: 44961

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			01/27/23 22:33	1

Lab Sample ID: LCS 880-44914/2-A

Matrix: Solid

Analysis Batch: 44961

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	268.9		mg/Kg		108	90 - 110		

Lab Sample ID: LCSD 880-44914/3-A

Matrix: Solid

Analysis Batch: 44961

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	274.4		mg/Kg		110	90 - 110	2	20

Lab Sample ID: 880-24178-1 MS

Matrix: Solid

Analysis Batch: 44961

Client Sample ID: CS-1 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	5.05		252	278.9		mg/Kg		109	90 - 110		

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-24178-1 MSD

Matrix: Solid

Analysis Batch: 44961

Client Sample ID: CS-1 (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	5.05		252	277.6		mg/Kg		108	90 - 110	0	20

Lab Sample ID: 880-24178-11 MS

Matrix: Solid

Analysis Batch: 44961

Client Sample ID: CS-11 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<5.00	U F1	250	279.7	F1	mg/Kg		111	90 - 110		

Lab Sample ID: 880-24178-11 MSD

Matrix: Solid

Analysis Batch: 44961

Client Sample ID: CS-11 (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	<5.00	U F1	250	279.6	F1	mg/Kg		111	90 - 110	0	20

Lab Sample ID: MB 880-44915/1-A

Matrix: Solid

Analysis Batch: 44962

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			01/28/23 02:33	1

Lab Sample ID: LCS 880-44915/2-A

Matrix: Solid

Analysis Batch: 44962

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	272.2		mg/Kg		109	90 - 110		

Lab Sample ID: LCSD 880-44915/3-A

Matrix: Solid

Analysis Batch: 44962

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	271.4		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 880-24178-21 MS

Matrix: Solid

Analysis Batch: 44962

Client Sample ID: CS-21 (6')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<5.03	U	252	272.3		mg/Kg		107	90 - 110		

Lab Sample ID: 880-24178-21 MSD

Matrix: Solid

Analysis Batch: 44962

Client Sample ID: CS-21 (6')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<5.03	U	252	272.1		mg/Kg		107	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-24178-31 MS											Client Sample ID: SW-4 (0.5')	
Matrix: Solid											Prep Type: Soluble	
Analysis Batch: 44962												
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits			
Chloride	<5.00	U F1	250	291.7	F1	mg/Kg		115	90 - 110			

Lab Sample ID: 880-24178-31 MSD											Client Sample ID: SW-4 (0.5')	
Matrix: Solid											Prep Type: Soluble	
Analysis Batch: 44962												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	<5.00	U F1	250	294.2	F1	mg/Kg		116	90 - 110	1	20	

QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 44912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-1	CS-1 (1.5')	Total/NA	Solid	5035	
880-24178-2	CS-2 (1.5')	Total/NA	Solid	5035	
880-24178-3	CS-3 (1.5')	Total/NA	Solid	5035	
880-24178-4	CS-4 (1.5')	Total/NA	Solid	5035	
880-24178-5	CS-5 (1.5')	Total/NA	Solid	5035	
880-24178-6	CS-6 (1.5')	Total/NA	Solid	5035	
880-24178-7	CS-7 (1.5')	Total/NA	Solid	5035	
880-24178-8	CS-8 (1.5')	Total/NA	Solid	5035	
880-24178-9	CS-9 (1.5')	Total/NA	Solid	5035	
880-24178-10	CS-10 (1.5')	Total/NA	Solid	5035	
MB 880-44912/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-44912/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-44912/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 44918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-11	CS-11 (1.5')	Total/NA	Solid	5035	
880-24178-12	CS-12 (2')	Total/NA	Solid	5035	
880-24178-13	CS-13 (2')	Total/NA	Solid	5035	
880-24178-14	CS-14 (2')	Total/NA	Solid	5035	
880-24178-15	CS-15 (2')	Total/NA	Solid	5035	
880-24178-16	CS-16 (2')	Total/NA	Solid	5035	
880-24178-17	CS-17 (2')	Total/NA	Solid	5035	
880-24178-18	CS-18 (2')	Total/NA	Solid	5035	
880-24178-19	CS-19 (2')	Total/NA	Solid	5035	
880-24178-20	CS-20 (2')	Total/NA	Solid	5035	
880-24178-21	CS-21 (6')	Total/NA	Solid	5035	
880-24178-22	CS-22 (2')	Total/NA	Solid	5035	
880-24178-23	CS-23 (2')	Total/NA	Solid	5035	
880-24178-24	CS-24 (2')	Total/NA	Solid	5035	
880-24178-25	CS-25 (2')	Total/NA	Solid	5035	
880-24178-26	CS-26 (2')	Total/NA	Solid	5035	
880-24178-27	CS-27 (3')	Total/NA	Solid	5035	
880-24178-28	SW-1 (1.5')	Total/NA	Solid	5035	
880-24178-29	SW-2 (0.5')	Total/NA	Solid	5035	
880-24178-30	SW-3 (0.5')	Total/NA	Solid	5035	
MB 880-44918/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-44918/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-44918/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-24178-11 MS	CS-11 (1.5')	Total/NA	Solid	5035	
880-24178-11 MSD	CS-11 (1.5')	Total/NA	Solid	5035	

Prep Batch: 44921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-31	SW-4 (0.5')	Total/NA	Solid	5035	
880-24178-32	SW-5 (1.5')	Total/NA	Solid	5035	
880-24178-33	SW-6 (1.5')	Total/NA	Solid	5035	
880-24178-34	SW-7 (1.5')	Total/NA	Solid	5035	
880-24178-35	SW-8 (1.5')	Total/NA	Solid	5035	
880-24178-36	SW-9 (2')	Total/NA	Solid	5035	
880-24178-37	SW-10 (2')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources

Job ID: 880-24178-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

GC VOA (Continued)

Prep Batch: 44921 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-38	SW-11 (2')	Total/NA	Solid	5035	
880-24178-39	SW-12 (3')	Total/NA	Solid	5035	
880-24178-40	SW-13 (3')	Total/NA	Solid	5035	
880-24178-41	SW-14 (3')	Total/NA	Solid	5035	
880-24178-42	SW-15 (2')	Total/NA	Solid	5035	
880-24178-43	SW-16 (2')	Total/NA	Solid	5035	
880-24178-44	SW-17 (6')	Total/NA	Solid	5035	
880-24178-45	SW-18 (6')	Total/NA	Solid	5035	
880-24178-46	SW-19 (2')	Total/NA	Solid	5035	
880-24178-47	SW-20 (2')	Total/NA	Solid	5035	
880-24178-48	SW-21 (2')	Total/NA	Solid	5035	
880-24178-49	SW-22 (6')	Total/NA	Solid	5035	
880-24178-50	SW-23 (6')	Total/NA	Solid	5035	
MB 880-44921/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-44921/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-44921/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-24178-31 MS	SW-4 (0.5')	Total/NA	Solid	5035	
880-24178-31 MSD	SW-4 (0.5')	Total/NA	Solid	5035	

Prep Batch: 44925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-51	SW-24 (2')	Total/NA	Solid	5035	
880-24178-52	SW-25 (4')	Total/NA	Solid	5035	
880-24178-53	SW-26 (4')	Total/NA	Solid	5035	
880-24178-54	SW-27 (1')	Total/NA	Solid	5035	
MB 880-44925/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-44925/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-44925/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-24178-51 MS	SW-24 (2')	Total/NA	Solid	5035	
880-24178-51 MSD	SW-24 (2')	Total/NA	Solid	5035	

Analysis Batch: 44988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-51	SW-24 (2')	Total/NA	Solid	8021B	44925
880-24178-52	SW-25 (4')	Total/NA	Solid	8021B	44925
880-24178-53	SW-26 (4')	Total/NA	Solid	8021B	44925
880-24178-54	SW-27 (1')	Total/NA	Solid	8021B	44925
MB 880-44925/5-A	Method Blank	Total/NA	Solid	8021B	44925
LCS 880-44925/1-A	Lab Control Sample	Total/NA	Solid	8021B	44925
LCSD 880-44925/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	44925
880-24178-51 MS	SW-24 (2')	Total/NA	Solid	8021B	44925
880-24178-51 MSD	SW-24 (2')	Total/NA	Solid	8021B	44925

Analysis Batch: 45138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-1	CS-1 (1.5')	Total/NA	Solid	Total BTEX	
880-24178-2	CS-2 (1.5')	Total/NA	Solid	Total BTEX	
880-24178-3	CS-3 (1.5')	Total/NA	Solid	Total BTEX	
880-24178-4	CS-4 (1.5')	Total/NA	Solid	Total BTEX	
880-24178-5	CS-5 (1.5')	Total/NA	Solid	Total BTEX	
880-24178-6	CS-6 (1.5')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources

Job ID: 880-24178-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 45138 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-7	CS-7 (1.5')	Total/NA	Solid	Total BTEX	
880-24178-8	CS-8 (1.5')	Total/NA	Solid	Total BTEX	
880-24178-9	CS-9 (1.5')	Total/NA	Solid	Total BTEX	
880-24178-10	CS-10 (1.5')	Total/NA	Solid	Total BTEX	
880-24178-11	CS-11 (1.5')	Total/NA	Solid	Total BTEX	
880-24178-12	CS-12 (2')	Total/NA	Solid	Total BTEX	
880-24178-13	CS-13 (2')	Total/NA	Solid	Total BTEX	
880-24178-14	CS-14 (2')	Total/NA	Solid	Total BTEX	
880-24178-15	CS-15 (2')	Total/NA	Solid	Total BTEX	
880-24178-16	CS-16 (2')	Total/NA	Solid	Total BTEX	
880-24178-17	CS-17 (2')	Total/NA	Solid	Total BTEX	
880-24178-18	CS-18 (2')	Total/NA	Solid	Total BTEX	
880-24178-19	CS-19 (2')	Total/NA	Solid	Total BTEX	
880-24178-20	CS-20 (2')	Total/NA	Solid	Total BTEX	
880-24178-21	CS-21 (6')	Total/NA	Solid	Total BTEX	
880-24178-22	CS-22 (2')	Total/NA	Solid	Total BTEX	
880-24178-23	CS-23 (2')	Total/NA	Solid	Total BTEX	
880-24178-24	CS-24 (2')	Total/NA	Solid	Total BTEX	
880-24178-25	CS-25 (2')	Total/NA	Solid	Total BTEX	
880-24178-26	CS-26 (2')	Total/NA	Solid	Total BTEX	
880-24178-27	CS-27 (3')	Total/NA	Solid	Total BTEX	
880-24178-28	SW-1 (1.5')	Total/NA	Solid	Total BTEX	
880-24178-29	SW-2 (0.5')	Total/NA	Solid	Total BTEX	
880-24178-30	SW-3 (0.5')	Total/NA	Solid	Total BTEX	
880-24178-31	SW-4 (0.5')	Total/NA	Solid	Total BTEX	
880-24178-32	SW-5 (1.5')	Total/NA	Solid	Total BTEX	
880-24178-33	SW-6 (1.5')	Total/NA	Solid	Total BTEX	
880-24178-34	SW-7 (1.5')	Total/NA	Solid	Total BTEX	
880-24178-35	SW-8 (1.5')	Total/NA	Solid	Total BTEX	
880-24178-36	SW-9 (2')	Total/NA	Solid	Total BTEX	
880-24178-37	SW-10 (2')	Total/NA	Solid	Total BTEX	
880-24178-38	SW-11 (2')	Total/NA	Solid	Total BTEX	
880-24178-39	SW-12 (3')	Total/NA	Solid	Total BTEX	
880-24178-40	SW-13 (3')	Total/NA	Solid	Total BTEX	
880-24178-41	SW-14 (3')	Total/NA	Solid	Total BTEX	
880-24178-42	SW-15 (2')	Total/NA	Solid	Total BTEX	
880-24178-43	SW-16 (2')	Total/NA	Solid	Total BTEX	
880-24178-44	SW-17 (6')	Total/NA	Solid	Total BTEX	
880-24178-45	SW-18 (6')	Total/NA	Solid	Total BTEX	
880-24178-46	SW-19 (2')	Total/NA	Solid	Total BTEX	
880-24178-47	SW-20 (2')	Total/NA	Solid	Total BTEX	
880-24178-48	SW-21 (2')	Total/NA	Solid	Total BTEX	
880-24178-49	SW-22 (6')	Total/NA	Solid	Total BTEX	
880-24178-50	SW-23 (6')	Total/NA	Solid	Total BTEX	
880-24178-51	SW-24 (2')	Total/NA	Solid	Total BTEX	
880-24178-52	SW-25 (4')	Total/NA	Solid	Total BTEX	
880-24178-53	SW-26 (4')	Total/NA	Solid	Total BTEX	
880-24178-54	SW-27 (1')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources

Job ID: 880-24178-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

GC VOA

Analysis Batch: 45309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-1	CS-1 (1.5')	Total/NA	Solid	8021B	44912
880-24178-2	CS-2 (1.5')	Total/NA	Solid	8021B	44912
880-24178-3	CS-3 (1.5')	Total/NA	Solid	8021B	44912
880-24178-4	CS-4 (1.5')	Total/NA	Solid	8021B	44912
880-24178-5	CS-5 (1.5')	Total/NA	Solid	8021B	44912
880-24178-6	CS-6 (1.5')	Total/NA	Solid	8021B	44912
880-24178-7	CS-7 (1.5')	Total/NA	Solid	8021B	44912
880-24178-8	CS-8 (1.5')	Total/NA	Solid	8021B	44912
880-24178-9	CS-9 (1.5')	Total/NA	Solid	8021B	44912
880-24178-10	CS-10 (1.5')	Total/NA	Solid	8021B	44912
880-24178-11	CS-11 (1.5')	Total/NA	Solid	8021B	44918
880-24178-12	CS-12 (2')	Total/NA	Solid	8021B	44918
880-24178-13	CS-13 (2')	Total/NA	Solid	8021B	44918
880-24178-14	CS-14 (2')	Total/NA	Solid	8021B	44918
880-24178-15	CS-15 (2')	Total/NA	Solid	8021B	44918
880-24178-16	CS-16 (2')	Total/NA	Solid	8021B	44918
880-24178-17	CS-17 (2')	Total/NA	Solid	8021B	44918
880-24178-18	CS-18 (2')	Total/NA	Solid	8021B	44918
880-24178-19	CS-19 (2')	Total/NA	Solid	8021B	44918
880-24178-20	CS-20 (2')	Total/NA	Solid	8021B	44918
880-24178-21	CS-21 (6')	Total/NA	Solid	8021B	44918
880-24178-22	CS-22 (2')	Total/NA	Solid	8021B	44918
880-24178-23	CS-23 (2')	Total/NA	Solid	8021B	44918
880-24178-24	CS-24 (2')	Total/NA	Solid	8021B	44918
880-24178-25	CS-25 (2')	Total/NA	Solid	8021B	44918
880-24178-26	CS-26 (2')	Total/NA	Solid	8021B	44918
880-24178-27	CS-27 (3')	Total/NA	Solid	8021B	44918
880-24178-28	SW-1 (1.5')	Total/NA	Solid	8021B	44918
880-24178-29	SW-2 (0.5')	Total/NA	Solid	8021B	44918
880-24178-30	SW-3 (0.5')	Total/NA	Solid	8021B	44918
MB 880-44912/5-A	Method Blank	Total/NA	Solid	8021B	44912
MB 880-44918/5-A	Method Blank	Total/NA	Solid	8021B	44918
MB 880-45356/5-A	Method Blank	Total/NA	Solid	8021B	45356
LCS 880-44912/1-A	Lab Control Sample	Total/NA	Solid	8021B	44912
LCS 880-44918/1-A	Lab Control Sample	Total/NA	Solid	8021B	44918
LCSD 880-44912/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	44912
LCSD 880-44918/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	44918
880-24178-11 MS	CS-11 (1.5')	Total/NA	Solid	8021B	44918
880-24178-11 MSD	CS-11 (1.5')	Total/NA	Solid	8021B	44918

Analysis Batch: 45310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-31	SW-4 (0.5')	Total/NA	Solid	8021B	44921
880-24178-32	SW-5 (1.5')	Total/NA	Solid	8021B	44921
880-24178-33	SW-6 (1.5')	Total/NA	Solid	8021B	44921
880-24178-34	SW-7 (1.5')	Total/NA	Solid	8021B	44921
880-24178-35	SW-8 (1.5')	Total/NA	Solid	8021B	44921
880-24178-36	SW-9 (2')	Total/NA	Solid	8021B	44921
880-24178-37	SW-10 (2')	Total/NA	Solid	8021B	44921
880-24178-38	SW-11 (2')	Total/NA	Solid	8021B	44921
880-24178-39	SW-12 (3')	Total/NA	Solid	8021B	44921

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 45310 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-40	SW-13 (3')	Total/NA	Solid	8021B	44921
880-24178-41	SW-14 (3')	Total/NA	Solid	8021B	44921
880-24178-42	SW-15 (2')	Total/NA	Solid	8021B	44921
880-24178-43	SW-16 (2')	Total/NA	Solid	8021B	44921
880-24178-44	SW-17 (6')	Total/NA	Solid	8021B	44921
880-24178-45	SW-18 (6')	Total/NA	Solid	8021B	44921
880-24178-46	SW-19 (2')	Total/NA	Solid	8021B	44921
880-24178-47	SW-20 (2')	Total/NA	Solid	8021B	44921
880-24178-48	SW-21 (2')	Total/NA	Solid	8021B	44921
880-24178-49	SW-22 (6')	Total/NA	Solid	8021B	44921
880-24178-50	SW-23 (6')	Total/NA	Solid	8021B	44921
MB 880-44921/5-A	Method Blank	Total/NA	Solid	8021B	44921
MB 880-45334/5-A	Method Blank	Total/NA	Solid	8021B	45334
LCS 880-44921/1-A	Lab Control Sample	Total/NA	Solid	8021B	44921
LCSD 880-44921/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	44921
880-24178-31 MS	SW-4 (0.5')	Total/NA	Solid	8021B	44921
880-24178-31 MSD	SW-4 (0.5')	Total/NA	Solid	8021B	44921

Prep Batch: 45334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-45334/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 45356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-45356/5-A	Method Blank	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 44980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-1	CS-1 (1.5')	Total/NA	Solid	8015B NM	44990
880-24178-2	CS-2 (1.5')	Total/NA	Solid	8015B NM	44990
880-24178-3	CS-3 (1.5')	Total/NA	Solid	8015B NM	44990
880-24178-4	CS-4 (1.5')	Total/NA	Solid	8015B NM	44990
880-24178-5	CS-5 (1.5')	Total/NA	Solid	8015B NM	44990
880-24178-6	CS-6 (1.5')	Total/NA	Solid	8015B NM	44990
880-24178-7	CS-7 (1.5')	Total/NA	Solid	8015B NM	44990
880-24178-8	CS-8 (1.5')	Total/NA	Solid	8015B NM	44990
880-24178-9	CS-9 (1.5')	Total/NA	Solid	8015B NM	44990
880-24178-10	CS-10 (1.5')	Total/NA	Solid	8015B NM	44990
880-24178-11	CS-11 (1.5')	Total/NA	Solid	8015B NM	44990
880-24178-12	CS-12 (2')	Total/NA	Solid	8015B NM	44990
880-24178-13	CS-13 (2')	Total/NA	Solid	8015B NM	44990
880-24178-14	CS-14 (2')	Total/NA	Solid	8015B NM	44990
880-24178-15	CS-15 (2')	Total/NA	Solid	8015B NM	44990
880-24178-16	CS-16 (2')	Total/NA	Solid	8015B NM	44990
880-24178-17	CS-17 (2')	Total/NA	Solid	8015B NM	44990
880-24178-18	CS-18 (2')	Total/NA	Solid	8015B NM	44990
880-24178-19	CS-19 (2')	Total/NA	Solid	8015B NM	44990
880-24178-20	CS-20 (2')	Total/NA	Solid	8015B NM	44990
MB 880-44990/1-A	Method Blank	Total/NA	Solid	8015B NM	44990

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 44980 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-44990/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	44990
LCSD 880-44990/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	44990
880-24178-1 MS	CS-1 (1.5')	Total/NA	Solid	8015B NM	44990
880-24178-1 MSD	CS-1 (1.5')	Total/NA	Solid	8015B NM	44990

Analysis Batch: 44982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-21	CS-21 (6')	Total/NA	Solid	8015B NM	44991
880-24178-22	CS-22 (2')	Total/NA	Solid	8015B NM	44991
880-24178-23	CS-23 (2')	Total/NA	Solid	8015B NM	44991
880-24178-24	CS-24 (2')	Total/NA	Solid	8015B NM	44991
880-24178-25	CS-25 (2')	Total/NA	Solid	8015B NM	44991
880-24178-26	CS-26 (2')	Total/NA	Solid	8015B NM	44991
880-24178-27	CS-27 (3')	Total/NA	Solid	8015B NM	44991
880-24178-28	SW-1 (1.5')	Total/NA	Solid	8015B NM	44991
880-24178-29	SW-2 (0.5')	Total/NA	Solid	8015B NM	44991
880-24178-30	SW-3 (0.5')	Total/NA	Solid	8015B NM	44991
880-24178-31	SW-4 (0.5')	Total/NA	Solid	8015B NM	44991
880-24178-32	SW-5 (1.5')	Total/NA	Solid	8015B NM	44991
880-24178-33	SW-6 (1.5')	Total/NA	Solid	8015B NM	44991
880-24178-34	SW-7 (1.5')	Total/NA	Solid	8015B NM	44991
880-24178-35	SW-8 (1.5')	Total/NA	Solid	8015B NM	44991
880-24178-36	SW-9 (2')	Total/NA	Solid	8015B NM	44991
880-24178-37	SW-10 (2')	Total/NA	Solid	8015B NM	44991
880-24178-38	SW-11 (2')	Total/NA	Solid	8015B NM	44991
880-24178-39	SW-12 (3')	Total/NA	Solid	8015B NM	44991
880-24178-40	SW-13 (3')	Total/NA	Solid	8015B NM	44991
880-24178-41	SW-14 (3')	Total/NA	Solid	8015B NM	45046
880-24178-42	SW-15 (2')	Total/NA	Solid	8015B NM	45046
880-24178-43	SW-16 (2')	Total/NA	Solid	8015B NM	45046
880-24178-44	SW-17 (6')	Total/NA	Solid	8015B NM	45046
880-24178-45	SW-18 (6')	Total/NA	Solid	8015B NM	45046
880-24178-46	SW-19 (2')	Total/NA	Solid	8015B NM	45046
880-24178-47	SW-20 (2')	Total/NA	Solid	8015B NM	45046
880-24178-48	SW-21 (2')	Total/NA	Solid	8015B NM	45046
880-24178-49	SW-22 (6')	Total/NA	Solid	8015B NM	45046
880-24178-50	SW-23 (6')	Total/NA	Solid	8015B NM	45046
880-24178-51	SW-24 (2')	Total/NA	Solid	8015B NM	45046
880-24178-52	SW-25 (4')	Total/NA	Solid	8015B NM	45046
880-24178-53	SW-26 (4')	Total/NA	Solid	8015B NM	45046
880-24178-54	SW-27 (1')	Total/NA	Solid	8015B NM	45046
MB 880-44991/1-A	Method Blank	Total/NA	Solid	8015B NM	44991
MB 880-45046/1-A	Method Blank	Total/NA	Solid	8015B NM	45046
LCS 880-44991/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	44991
LCS 880-45046/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	45046
LCSD 880-44991/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	44991
LCSD 880-45046/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	45046
880-24178-21 MS	CS-21 (6')	Total/NA	Solid	8015B NM	44991
880-24178-21 MSD	CS-21 (6')	Total/NA	Solid	8015B NM	44991
880-24178-41 MS	SW-14 (3')	Total/NA	Solid	8015B NM	45046
880-24178-41 MSD	SW-14 (3')	Total/NA	Solid	8015B NM	45046

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

GC Semi VOA

Prep Batch: 44990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-1	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-24178-2	CS-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-24178-3	CS-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-24178-4	CS-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-24178-5	CS-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-24178-6	CS-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-24178-7	CS-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-24178-8	CS-8 (1.5')	Total/NA	Solid	8015NM Prep	
880-24178-9	CS-9 (1.5')	Total/NA	Solid	8015NM Prep	
880-24178-10	CS-10 (1.5')	Total/NA	Solid	8015NM Prep	
880-24178-11	CS-11 (1.5')	Total/NA	Solid	8015NM Prep	
880-24178-12	CS-12 (2')	Total/NA	Solid	8015NM Prep	
880-24178-13	CS-13 (2')	Total/NA	Solid	8015NM Prep	
880-24178-14	CS-14 (2')	Total/NA	Solid	8015NM Prep	
880-24178-15	CS-15 (2')	Total/NA	Solid	8015NM Prep	
880-24178-16	CS-16 (2')	Total/NA	Solid	8015NM Prep	
880-24178-17	CS-17 (2')	Total/NA	Solid	8015NM Prep	
880-24178-18	CS-18 (2')	Total/NA	Solid	8015NM Prep	
880-24178-19	CS-19 (2')	Total/NA	Solid	8015NM Prep	
880-24178-20	CS-20 (2')	Total/NA	Solid	8015NM Prep	
MB 880-44990/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-44990/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-44990/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-24178-1 MS	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-24178-1 MSD	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 44991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-21	CS-21 (6')	Total/NA	Solid	8015NM Prep	
880-24178-22	CS-22 (2')	Total/NA	Solid	8015NM Prep	
880-24178-23	CS-23 (2')	Total/NA	Solid	8015NM Prep	
880-24178-24	CS-24 (2')	Total/NA	Solid	8015NM Prep	
880-24178-25	CS-25 (2')	Total/NA	Solid	8015NM Prep	
880-24178-26	CS-26 (2')	Total/NA	Solid	8015NM Prep	
880-24178-27	CS-27 (3')	Total/NA	Solid	8015NM Prep	
880-24178-28	SW-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-24178-29	SW-2 (0.5')	Total/NA	Solid	8015NM Prep	
880-24178-30	SW-3 (0.5')	Total/NA	Solid	8015NM Prep	
880-24178-31	SW-4 (0.5')	Total/NA	Solid	8015NM Prep	
880-24178-32	SW-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-24178-33	SW-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-24178-34	SW-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-24178-35	SW-8 (1.5')	Total/NA	Solid	8015NM Prep	
880-24178-36	SW-9 (2')	Total/NA	Solid	8015NM Prep	
880-24178-37	SW-10 (2')	Total/NA	Solid	8015NM Prep	
880-24178-38	SW-11 (2')	Total/NA	Solid	8015NM Prep	
880-24178-39	SW-12 (3')	Total/NA	Solid	8015NM Prep	
880-24178-40	SW-13 (3')	Total/NA	Solid	8015NM Prep	
MB 880-44991/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-44991/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-44991/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-24178-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 44991 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-21 MS	CS-21 (6')	Total/NA	Solid	8015NM Prep	
880-24178-21 MSD	CS-21 (6')	Total/NA	Solid	8015NM Prep	

Prep Batch: 45046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-41	SW-14 (3')	Total/NA	Solid	8015NM Prep	
880-24178-42	SW-15 (2')	Total/NA	Solid	8015NM Prep	
880-24178-43	SW-16 (2')	Total/NA	Solid	8015NM Prep	
880-24178-44	SW-17 (6')	Total/NA	Solid	8015NM Prep	
880-24178-45	SW-18 (6')	Total/NA	Solid	8015NM Prep	
880-24178-46	SW-19 (2')	Total/NA	Solid	8015NM Prep	
880-24178-47	SW-20 (2')	Total/NA	Solid	8015NM Prep	
880-24178-48	SW-21 (2')	Total/NA	Solid	8015NM Prep	
880-24178-49	SW-22 (6')	Total/NA	Solid	8015NM Prep	
880-24178-50	SW-23 (6')	Total/NA	Solid	8015NM Prep	
880-24178-51	SW-24 (2')	Total/NA	Solid	8015NM Prep	
880-24178-52	SW-25 (4')	Total/NA	Solid	8015NM Prep	
880-24178-53	SW-26 (4')	Total/NA	Solid	8015NM Prep	
880-24178-54	SW-27 (1')	Total/NA	Solid	8015NM Prep	
MB 880-45046/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-45046/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-45046/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-24178-41 MS	SW-14 (3')	Total/NA	Solid	8015NM Prep	
880-24178-41 MSD	SW-14 (3')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 45120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-1	CS-1 (1.5')	Total/NA	Solid	8015 NM	
880-24178-2	CS-2 (1.5')	Total/NA	Solid	8015 NM	
880-24178-3	CS-3 (1.5')	Total/NA	Solid	8015 NM	
880-24178-4	CS-4 (1.5')	Total/NA	Solid	8015 NM	
880-24178-5	CS-5 (1.5')	Total/NA	Solid	8015 NM	
880-24178-6	CS-6 (1.5')	Total/NA	Solid	8015 NM	
880-24178-7	CS-7 (1.5')	Total/NA	Solid	8015 NM	
880-24178-8	CS-8 (1.5')	Total/NA	Solid	8015 NM	
880-24178-9	CS-9 (1.5')	Total/NA	Solid	8015 NM	
880-24178-10	CS-10 (1.5')	Total/NA	Solid	8015 NM	
880-24178-11	CS-11 (1.5')	Total/NA	Solid	8015 NM	
880-24178-12	CS-12 (2')	Total/NA	Solid	8015 NM	
880-24178-13	CS-13 (2')	Total/NA	Solid	8015 NM	
880-24178-14	CS-14 (2')	Total/NA	Solid	8015 NM	
880-24178-15	CS-15 (2')	Total/NA	Solid	8015 NM	
880-24178-16	CS-16 (2')	Total/NA	Solid	8015 NM	
880-24178-17	CS-17 (2')	Total/NA	Solid	8015 NM	
880-24178-18	CS-18 (2')	Total/NA	Solid	8015 NM	
880-24178-19	CS-19 (2')	Total/NA	Solid	8015 NM	
880-24178-20	CS-20 (2')	Total/NA	Solid	8015 NM	
880-24178-21	CS-21 (6')	Total/NA	Solid	8015 NM	
880-24178-22	CS-22 (2')	Total/NA	Solid	8015 NM	
880-24178-23	CS-23 (2')	Total/NA	Solid	8015 NM	
880-24178-24	CS-24 (2')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 45120 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-25	CS-25 (2')	Total/NA	Solid	8015 NM	
880-24178-26	CS-26 (2')	Total/NA	Solid	8015 NM	
880-24178-27	CS-27 (3')	Total/NA	Solid	8015 NM	
880-24178-28	SW-1 (1.5')	Total/NA	Solid	8015 NM	
880-24178-29	SW-2 (0.5')	Total/NA	Solid	8015 NM	
880-24178-30	SW-3 (0.5')	Total/NA	Solid	8015 NM	
880-24178-31	SW-4 (0.5')	Total/NA	Solid	8015 NM	
880-24178-32	SW-5 (1.5')	Total/NA	Solid	8015 NM	
880-24178-33	SW-6 (1.5')	Total/NA	Solid	8015 NM	
880-24178-34	SW-7 (1.5')	Total/NA	Solid	8015 NM	
880-24178-35	SW-8 (1.5')	Total/NA	Solid	8015 NM	
880-24178-36	SW-9 (2')	Total/NA	Solid	8015 NM	
880-24178-37	SW-10 (2')	Total/NA	Solid	8015 NM	
880-24178-38	SW-11 (2')	Total/NA	Solid	8015 NM	
880-24178-39	SW-12 (3')	Total/NA	Solid	8015 NM	
880-24178-40	SW-13 (3')	Total/NA	Solid	8015 NM	
880-24178-41	SW-14 (3')	Total/NA	Solid	8015 NM	
880-24178-42	SW-15 (2')	Total/NA	Solid	8015 NM	
880-24178-43	SW-16 (2')	Total/NA	Solid	8015 NM	
880-24178-44	SW-17 (6')	Total/NA	Solid	8015 NM	
880-24178-45	SW-18 (6')	Total/NA	Solid	8015 NM	
880-24178-46	SW-19 (2')	Total/NA	Solid	8015 NM	
880-24178-47	SW-20 (2')	Total/NA	Solid	8015 NM	
880-24178-48	SW-21 (2')	Total/NA	Solid	8015 NM	
880-24178-49	SW-22 (6')	Total/NA	Solid	8015 NM	
880-24178-50	SW-23 (6')	Total/NA	Solid	8015 NM	
880-24178-51	SW-24 (2')	Total/NA	Solid	8015 NM	
880-24178-52	SW-25 (4')	Total/NA	Solid	8015 NM	
880-24178-53	SW-26 (4')	Total/NA	Solid	8015 NM	
880-24178-54	SW-27 (1')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 44914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-1	CS-1 (1.5')	Soluble	Solid	DI Leach	
880-24178-2	CS-2 (1.5')	Soluble	Solid	DI Leach	
880-24178-3	CS-3 (1.5')	Soluble	Solid	DI Leach	
880-24178-4	CS-4 (1.5')	Soluble	Solid	DI Leach	
880-24178-5	CS-5 (1.5')	Soluble	Solid	DI Leach	
880-24178-6	CS-6 (1.5')	Soluble	Solid	DI Leach	
880-24178-7	CS-7 (1.5')	Soluble	Solid	DI Leach	
880-24178-8	CS-8 (1.5')	Soluble	Solid	DI Leach	
880-24178-9	CS-9 (1.5')	Soluble	Solid	DI Leach	
880-24178-10	CS-10 (1.5')	Soluble	Solid	DI Leach	
880-24178-11	CS-11 (1.5')	Soluble	Solid	DI Leach	
880-24178-12	CS-12 (2')	Soluble	Solid	DI Leach	
880-24178-13	CS-13 (2')	Soluble	Solid	DI Leach	
880-24178-14	CS-14 (2')	Soluble	Solid	DI Leach	
880-24178-15	CS-15 (2')	Soluble	Solid	DI Leach	
880-24178-16	CS-16 (2')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 44914 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-17	CS-17 (2')	Soluble	Solid	DI Leach	
880-24178-18	CS-18 (2')	Soluble	Solid	DI Leach	
880-24178-19	CS-19 (2')	Soluble	Solid	DI Leach	
880-24178-20	CS-20 (2')	Soluble	Solid	DI Leach	
MB 880-44914/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-44914/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-44914/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-24178-1 MS	CS-1 (1.5')	Soluble	Solid	DI Leach	
880-24178-1 MSD	CS-1 (1.5')	Soluble	Solid	DI Leach	
880-24178-11 MS	CS-11 (1.5')	Soluble	Solid	DI Leach	
880-24178-11 MSD	CS-11 (1.5')	Soluble	Solid	DI Leach	

Leach Batch: 44915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-21	CS-21 (6')	Soluble	Solid	DI Leach	
880-24178-22	CS-22 (2')	Soluble	Solid	DI Leach	
880-24178-23	CS-23 (2')	Soluble	Solid	DI Leach	
880-24178-24	CS-24 (2')	Soluble	Solid	DI Leach	
880-24178-25	CS-25 (2')	Soluble	Solid	DI Leach	
880-24178-26	CS-26 (2')	Soluble	Solid	DI Leach	
880-24178-27	CS-27 (3')	Soluble	Solid	DI Leach	
880-24178-28	SW-1 (1.5')	Soluble	Solid	DI Leach	
880-24178-29	SW-2 (0.5')	Soluble	Solid	DI Leach	
880-24178-30	SW-3 (0.5')	Soluble	Solid	DI Leach	
880-24178-31	SW-4 (0.5')	Soluble	Solid	DI Leach	
880-24178-32	SW-5 (1.5')	Soluble	Solid	DI Leach	
880-24178-33	SW-6 (1.5')	Soluble	Solid	DI Leach	
880-24178-34	SW-7 (1.5')	Soluble	Solid	DI Leach	
880-24178-35	SW-8 (1.5')	Soluble	Solid	DI Leach	
880-24178-36	SW-9 (2')	Soluble	Solid	DI Leach	
880-24178-37	SW-10 (2')	Soluble	Solid	DI Leach	
880-24178-38	SW-11 (2')	Soluble	Solid	DI Leach	
880-24178-39	SW-12 (3')	Soluble	Solid	DI Leach	
880-24178-40	SW-13 (3')	Soluble	Solid	DI Leach	
MB 880-44915/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-44915/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-44915/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-24178-21 MS	CS-21 (6')	Soluble	Solid	DI Leach	
880-24178-21 MSD	CS-21 (6')	Soluble	Solid	DI Leach	
880-24178-31 MS	SW-4 (0.5')	Soluble	Solid	DI Leach	
880-24178-31 MSD	SW-4 (0.5')	Soluble	Solid	DI Leach	

Leach Batch: 44916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-41	SW-14 (3')	Soluble	Solid	DI Leach	
880-24178-42	SW-15 (2')	Soluble	Solid	DI Leach	
880-24178-43	SW-16 (2')	Soluble	Solid	DI Leach	
880-24178-44	SW-17 (6')	Soluble	Solid	DI Leach	
880-24178-45	SW-18 (6')	Soluble	Solid	DI Leach	
880-24178-46	SW-19 (2')	Soluble	Solid	DI Leach	
880-24178-47	SW-20 (2')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 44916 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-48	SW-21 (2')	Soluble	Solid	DI Leach	
880-24178-49	SW-22 (6')	Soluble	Solid	DI Leach	
880-24178-50	SW-23 (6')	Soluble	Solid	DI Leach	
880-24178-51	SW-24 (2')	Soluble	Solid	DI Leach	
880-24178-52	SW-25 (4')	Soluble	Solid	DI Leach	
880-24178-53	SW-26 (4')	Soluble	Solid	DI Leach	
880-24178-54	SW-27 (1')	Soluble	Solid	DI Leach	
MB 880-44916/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-44916/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-44916/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-24178-41 MS	SW-14 (3')	Soluble	Solid	DI Leach	
880-24178-41 MSD	SW-14 (3')	Soluble	Solid	DI Leach	
880-24178-51 MS	SW-24 (2')	Soluble	Solid	DI Leach	
880-24178-51 MSD	SW-24 (2')	Soluble	Solid	DI Leach	

Analysis Batch: 44960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-41	SW-14 (3')	Soluble	Solid	300.0	44916
880-24178-42	SW-15 (2')	Soluble	Solid	300.0	44916
880-24178-43	SW-16 (2')	Soluble	Solid	300.0	44916
880-24178-44	SW-17 (6')	Soluble	Solid	300.0	44916
880-24178-45	SW-18 (6')	Soluble	Solid	300.0	44916
880-24178-46	SW-19 (2')	Soluble	Solid	300.0	44916
880-24178-47	SW-20 (2')	Soluble	Solid	300.0	44916
880-24178-48	SW-21 (2')	Soluble	Solid	300.0	44916
880-24178-49	SW-22 (6')	Soluble	Solid	300.0	44916
880-24178-50	SW-23 (6')	Soluble	Solid	300.0	44916
880-24178-51	SW-24 (2')	Soluble	Solid	300.0	44916
880-24178-52	SW-25 (4')	Soluble	Solid	300.0	44916
880-24178-53	SW-26 (4')	Soluble	Solid	300.0	44916
880-24178-54	SW-27 (1')	Soluble	Solid	300.0	44916
MB 880-44916/1-A	Method Blank	Soluble	Solid	300.0	44916
LCS 880-44916/2-A	Lab Control Sample	Soluble	Solid	300.0	44916
LCSD 880-44916/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	44916
880-24178-41 MS	SW-14 (3')	Soluble	Solid	300.0	44916
880-24178-41 MSD	SW-14 (3')	Soluble	Solid	300.0	44916
880-24178-51 MS	SW-24 (2')	Soluble	Solid	300.0	44916
880-24178-51 MSD	SW-24 (2')	Soluble	Solid	300.0	44916

Analysis Batch: 44961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-1	CS-1 (1.5')	Soluble	Solid	300.0	44914
880-24178-2	CS-2 (1.5')	Soluble	Solid	300.0	44914
880-24178-3	CS-3 (1.5')	Soluble	Solid	300.0	44914
880-24178-4	CS-4 (1.5')	Soluble	Solid	300.0	44914
880-24178-5	CS-5 (1.5')	Soluble	Solid	300.0	44914
880-24178-6	CS-6 (1.5')	Soluble	Solid	300.0	44914
880-24178-7	CS-7 (1.5')	Soluble	Solid	300.0	44914
880-24178-8	CS-8 (1.5')	Soluble	Solid	300.0	44914
880-24178-9	CS-9 (1.5')	Soluble	Solid	300.0	44914
880-24178-10	CS-10 (1.5')	Soluble	Solid	300.0	44914

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-24178-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 44961 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-11	CS-11 (1.5')	Soluble	Solid	300.0	44914
880-24178-12	CS-12 (2')	Soluble	Solid	300.0	44914
880-24178-13	CS-13 (2')	Soluble	Solid	300.0	44914
880-24178-14	CS-14 (2')	Soluble	Solid	300.0	44914
880-24178-15	CS-15 (2')	Soluble	Solid	300.0	44914
880-24178-16	CS-16 (2')	Soluble	Solid	300.0	44914
880-24178-17	CS-17 (2')	Soluble	Solid	300.0	44914
880-24178-18	CS-18 (2')	Soluble	Solid	300.0	44914
880-24178-19	CS-19 (2')	Soluble	Solid	300.0	44914
880-24178-20	CS-20 (2')	Soluble	Solid	300.0	44914
MB 880-44914/1-A	Method Blank	Soluble	Solid	300.0	44914
LCS 880-44914/2-A	Lab Control Sample	Soluble	Solid	300.0	44914
LCSD 880-44914/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	44914
880-24178-1 MS	CS-1 (1.5')	Soluble	Solid	300.0	44914
880-24178-1 MSD	CS-1 (1.5')	Soluble	Solid	300.0	44914
880-24178-11 MS	CS-11 (1.5')	Soluble	Solid	300.0	44914
880-24178-11 MSD	CS-11 (1.5')	Soluble	Solid	300.0	44914

Analysis Batch: 44962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24178-21	CS-21 (6')	Soluble	Solid	300.0	44915
880-24178-22	CS-22 (2')	Soluble	Solid	300.0	44915
880-24178-23	CS-23 (2')	Soluble	Solid	300.0	44915
880-24178-24	CS-24 (2')	Soluble	Solid	300.0	44915
880-24178-25	CS-25 (2')	Soluble	Solid	300.0	44915
880-24178-26	CS-26 (2')	Soluble	Solid	300.0	44915
880-24178-27	CS-27 (3')	Soluble	Solid	300.0	44915
880-24178-28	SW-1 (1.5')	Soluble	Solid	300.0	44915
880-24178-29	SW-2 (0.5')	Soluble	Solid	300.0	44915
880-24178-30	SW-3 (0.5')	Soluble	Solid	300.0	44915
880-24178-31	SW-4 (0.5')	Soluble	Solid	300.0	44915
880-24178-32	SW-5 (1.5')	Soluble	Solid	300.0	44915
880-24178-33	SW-6 (1.5')	Soluble	Solid	300.0	44915
880-24178-34	SW-7 (1.5')	Soluble	Solid	300.0	44915
880-24178-35	SW-8 (1.5')	Soluble	Solid	300.0	44915
880-24178-36	SW-9 (2')	Soluble	Solid	300.0	44915
880-24178-37	SW-10 (2')	Soluble	Solid	300.0	44915
880-24178-38	SW-11 (2')	Soluble	Solid	300.0	44915
880-24178-39	SW-12 (3')	Soluble	Solid	300.0	44915
880-24178-40	SW-13 (3')	Soluble	Solid	300.0	44915
MB 880-44915/1-A	Method Blank	Soluble	Solid	300.0	44915
LCS 880-44915/2-A	Lab Control Sample	Soluble	Solid	300.0	44915
LCSD 880-44915/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	44915
880-24178-21 MS	CS-21 (6')	Soluble	Solid	300.0	44915
880-24178-21 MSD	CS-21 (6')	Soluble	Solid	300.0	44915
880-24178-31 MS	SW-4 (0.5')	Soluble	Solid	300.0	44915
880-24178-31 MSD	SW-4 (0.5')	Soluble	Solid	300.0	44915

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-24178-1

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44912	01/27/23 12:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/04/23 15:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	44990	01/30/23 08:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44980	01/30/23 11:13	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	44914	01/27/23 12:10	KS	EET MID
Soluble	Analysis	300.0		1			44961	01/27/23 22:51	CH	EET MID

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-24178-2

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44912	01/27/23 12:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/04/23 16:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44990	01/30/23 08:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44980	01/30/23 12:21	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44914	01/27/23 12:10	KS	EET MID
Soluble	Analysis	300.0		1			44961	01/27/23 23:10	CH	EET MID

Client Sample ID: CS-3 (1.5')

Lab Sample ID: 880-24178-3

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44912	01/27/23 12:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/04/23 16:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44990	01/30/23 08:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44980	01/30/23 12:43	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	44914	01/27/23 12:10	KS	EET MID
Soluble	Analysis	300.0		1			44961	01/27/23 23:16	CH	EET MID

Client Sample ID: CS-4 (1.5')

Lab Sample ID: 880-24178-4

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44912	01/27/23 12:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/04/23 16:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-4 (1.5')

Lab Sample ID: 880-24178-4

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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			45120	01/31/23 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44990	01/30/23 08:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44980	01/30/23 13:05	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	44914	01/27/23 12:10	KS	EET MID
Soluble	Analysis	300.0		1			44961	01/27/23 23:22	CH	EET MID

Client Sample ID: CS-5 (1.5')

Lab Sample ID: 880-24178-5

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44912	01/27/23 12:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/04/23 17:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44990	01/30/23 08:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44980	01/30/23 13:28	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	44914	01/27/23 12:10	KS	EET MID
Soluble	Analysis	300.0		1			44961	01/27/23 23:28	CH	EET MID

Client Sample ID: CS-6 (1.5')

Lab Sample ID: 880-24178-6

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44912	01/27/23 12:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/04/23 17:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	44990	01/30/23 08:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44980	01/30/23 13:50	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	44914	01/27/23 12:10	KS	EET MID
Soluble	Analysis	300.0		1			44961	01/27/23 23:47	CH	EET MID

Client Sample ID: CS-7 (1.5')

Lab Sample ID: 880-24178-7

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44912	01/27/23 12:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/04/23 17:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44990	01/30/23 08:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44980	01/30/23 14:13	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-7 (1.5')

Lab Sample ID: 880-24178-7

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	44914	01/27/23 12:10	KS	EET MID
Soluble	Analysis	300.0		1			44961	01/27/23 23:53	CH	EET MID

Client Sample ID: CS-8 (1.5')

Lab Sample ID: 880-24178-8

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44912	01/27/23 12:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/04/23 18:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44990	01/30/23 08:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44980	01/30/23 14:36	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	44914	01/27/23 12:10	KS	EET MID
Soluble	Analysis	300.0		1			44961	01/27/23 23:59	CH	EET MID

Client Sample ID: CS-9 (1.5')

Lab Sample ID: 880-24178-9

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44912	01/27/23 12:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/04/23 18:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	44990	01/30/23 08:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44980	01/30/23 14:58	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	44914	01/27/23 12:10	KS	EET MID
Soluble	Analysis	300.0		1			44961	01/28/23 00:05	CH	EET MID

Client Sample ID: CS-10 (1.5')

Lab Sample ID: 880-24178-10

Date Collected: 01/24/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44912	01/27/23 12:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/04/23 18:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44990	01/30/23 08:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44980	01/30/23 15:20	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44914	01/27/23 12:10	KS	EET MID
Soluble	Analysis	300.0		1			44961	01/28/23 00:11	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-11 (1.5')

Lab Sample ID: 880-24178-11

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44918	01/27/23 12:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/04/23 21:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44990	01/30/23 08:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44980	01/30/23 16:04	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44914	01/27/23 12:10	KS	EET MID
Soluble	Analysis	300.0		1			44961	01/28/23 00:17	CH	EET MID

Client Sample ID: CS-12 (2')

Lab Sample ID: 880-24178-12

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44918	01/27/23 12:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/04/23 22:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	44990	01/30/23 08:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44980	01/30/23 16:26	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	44914	01/27/23 12:10	KS	EET MID
Soluble	Analysis	300.0		1			44961	01/28/23 00:36	CH	EET MID

Client Sample ID: CS-13 (2')

Lab Sample ID: 880-24178-13

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44918	01/27/23 12:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/04/23 22:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44990	01/30/23 08:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44980	01/30/23 16:48	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44914	01/27/23 12:10	KS	EET MID
Soluble	Analysis	300.0		1			44961	01/28/23 00:42	CH	EET MID

Client Sample ID: CS-14 (2')

Lab Sample ID: 880-24178-14

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44918	01/27/23 12:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/04/23 22:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-14 (2')

Date Collected: 01/25/23 00:00

Date Received: 01/27/23 10:45

Lab Sample ID: 880-24178-14

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			45120	01/31/23 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44990	01/30/23 08:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44980	01/30/23 17:09	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	44914	01/27/23 12:10	KS	EET MID
Soluble	Analysis	300.0		1			44961	01/28/23 01:01	CH	EET MID

Client Sample ID: CS-15 (2')

Date Collected: 01/25/23 00:00

Date Received: 01/27/23 10:45

Lab Sample ID: 880-24178-15

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			5.01 g	5 mL	44918	01/27/23 12:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/04/23 23:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	44990	01/30/23 08:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44980	01/30/23 17:31	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	44914	01/27/23 12:10	KS	EET MID
Soluble	Analysis	300.0		1			44961	01/28/23 01:07	CH	EET MID

Client Sample ID: CS-16 (2')

Date Collected: 01/25/23 00:00

Date Received: 01/27/23 10:45

Lab Sample ID: 880-24178-16

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			5.02 g	5 mL	44918	01/27/23 12:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/04/23 23:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	44990	01/30/23 08:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44980	01/30/23 17:54	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44914	01/27/23 12:10	KS	EET MID
Soluble	Analysis	300.0		1			44961	01/28/23 01:13	CH	EET MID

Client Sample ID: CS-17 (2')

Date Collected: 01/25/23 00:00

Date Received: 01/27/23 10:45

Lab Sample ID: 880-24178-17

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			5.03 g	5 mL	44918	01/27/23 12:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/04/23 23:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44990	01/30/23 08:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44980	01/30/23 18:16	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-17 (2')

Date Collected: 01/25/23 00:00

Date Received: 01/27/23 10:45

Lab Sample ID: 880-24178-17

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			5.01 g	50 mL	44914	01/27/23 12:10	KS	EET MID
Soluble	Analysis	300.0		1			44961	01/28/23 01:19	CH	EET MID

Client Sample ID: CS-18 (2')

Date Collected: 01/25/23 00:00

Date Received: 01/27/23 10:45

Lab Sample ID: 880-24178-18

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			5.01 g	5 mL	44918	01/27/23 12:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/05/23 00:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44990	01/30/23 08:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44980	01/30/23 18:39	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	44914	01/27/23 12:10	KS	EET MID
Soluble	Analysis	300.0		1			44961	01/28/23 01:25	CH	EET MID

Client Sample ID: CS-19 (2')

Date Collected: 01/25/23 00:00

Date Received: 01/27/23 10:45

Lab Sample ID: 880-24178-19

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			4.97 g	5 mL	44918	01/27/23 12:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/05/23 00:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44990	01/30/23 08:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44980	01/30/23 19:02	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	44914	01/27/23 12:10	KS	EET MID
Soluble	Analysis	300.0		1			44961	01/28/23 01:32	CH	EET MID

Client Sample ID: CS-20 (2')

Date Collected: 01/25/23 00:00

Date Received: 01/27/23 10:45

Lab Sample ID: 880-24178-20

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			4.99 g	5 mL	44918	01/27/23 12:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/05/23 00:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 11:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44990	01/30/23 08:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44980	01/30/23 19:23	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	44914	01/27/23 12:10	KS	EET MID
Soluble	Analysis	300.0		1			44961	01/28/23 01:38	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-21 (6')

Lab Sample ID: 880-24178-21

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44918	01/27/23 12:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/05/23 02:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	44991	01/30/23 08:58	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 11:13	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	44915	01/27/23 12:11	KS	EET MID
Soluble	Analysis	300.0		1			44962	01/28/23 02:52	CH	EET MID

Client Sample ID: CS-22 (2')

Lab Sample ID: 880-24178-22

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44918	01/27/23 12:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/05/23 02:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44991	01/30/23 08:58	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 12:21	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44915	01/27/23 12:11	KS	EET MID
Soluble	Analysis	300.0		1			44962	01/28/23 03:10	CH	EET MID

Client Sample ID: CS-23 (2')

Lab Sample ID: 880-24178-23

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44918	01/27/23 12:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/05/23 02:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44991	01/30/23 08:58	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 12:43	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	44915	01/27/23 12:11	KS	EET MID
Soluble	Analysis	300.0		1			44962	01/28/23 03:16	CH	EET MID

Client Sample ID: CS-24 (2')

Lab Sample ID: 880-24178-24

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44918	01/27/23 12:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/05/23 03:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-24 (2')

Lab Sample ID: 880-24178-24

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44991	01/30/23 08:58	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 13:05	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	44915	01/27/23 12:11	KS	EET MID
Soluble	Analysis	300.0		1			44962	01/28/23 03:22	CH	EET MID

Client Sample ID: CS-25 (2')

Lab Sample ID: 880-24178-25

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44918	01/27/23 12:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/05/23 03:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44991	01/30/23 08:58	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 13:28	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	44915	01/27/23 12:11	KS	EET MID
Soluble	Analysis	300.0		1			44962	01/28/23 03:29	CH	EET MID

Client Sample ID: CS-26 (2')

Lab Sample ID: 880-24178-26

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44918	01/27/23 12:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/05/23 03:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	44991	01/30/23 08:58	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 13:50	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	44915	01/27/23 12:11	KS	EET MID
Soluble	Analysis	300.0		1			44962	01/28/23 03:47	CH	EET MID

Client Sample ID: CS-27 (3')

Lab Sample ID: 880-24178-27

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44918	01/27/23 12:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/05/23 04:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44991	01/30/23 08:58	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 14:13	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-27 (3')

Lab Sample ID: 880-24178-27

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	44915	01/27/23 12:11	KS	EET MID
Soluble	Analysis	300.0		1			44962	01/28/23 03:53	CH	EET MID

Client Sample ID: SW-1 (1.5')

Lab Sample ID: 880-24178-28

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44918	01/27/23 12:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/05/23 04:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44991	01/30/23 08:58	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 14:36	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	44915	01/27/23 12:11	KS	EET MID
Soluble	Analysis	300.0		1			44962	01/28/23 03:59	CH	EET MID

Client Sample ID: SW-2 (0.5')

Lab Sample ID: 880-24178-29

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44918	01/27/23 12:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/05/23 05:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	44991	01/30/23 08:58	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 14:58	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	44915	01/27/23 12:11	KS	EET MID
Soluble	Analysis	300.0		1			44962	01/28/23 04:05	CH	EET MID

Client Sample ID: SW-3 (0.5')

Lab Sample ID: 880-24178-30

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44918	01/27/23 12:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45309	02/05/23 05:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/06/23 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44991	01/30/23 08:58	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 15:20	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44915	01/27/23 12:11	KS	EET MID
Soluble	Analysis	300.0		1			44962	01/28/23 04:12	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-4 (0.5')

Lab Sample ID: 880-24178-31

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44921	01/27/23 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45310	02/03/23 23:33	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/04/23 09:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44991	01/30/23 08:58	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 16:04	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44915	01/27/23 12:11	KS	EET MID
Soluble	Analysis	300.0		1			44962	01/28/23 04:18	CH	EET MID

Client Sample ID: SW-5 (1.5')

Lab Sample ID: 880-24178-32

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44921	01/27/23 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45310	02/03/23 23:53	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/04/23 09:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	44991	01/30/23 08:58	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 16:26	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	44915	01/27/23 12:11	KS	EET MID
Soluble	Analysis	300.0		1			44962	01/28/23 04:36	CH	EET MID

Client Sample ID: SW-6 (1.5')

Lab Sample ID: 880-24178-33

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44921	01/27/23 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45310	02/04/23 00:14	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/04/23 09:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44991	01/30/23 08:58	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 16:48	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44915	01/27/23 12:11	KS	EET MID
Soluble	Analysis	300.0		1			44962	01/28/23 04:42	CH	EET MID

Client Sample ID: SW-7 (1.5')

Lab Sample ID: 880-24178-34

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44921	01/27/23 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45310	02/04/23 00:35	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/04/23 09:59	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-7 (1.5')

Lab Sample ID: 880-24178-34

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44991	01/30/23 08:58	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 17:09	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	44915	01/27/23 12:11	KS	EET MID
Soluble	Analysis	300.0		1			44962	01/28/23 05:01	CH	EET MID

Client Sample ID: SW-8 (1.5')

Lab Sample ID: 880-24178-35

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44921	01/27/23 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45310	02/04/23 00:55	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/04/23 09:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	44991	01/30/23 08:58	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 17:31	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	44915	01/27/23 12:11	KS	EET MID
Soluble	Analysis	300.0		1			44962	01/28/23 05:07	CH	EET MID

Client Sample ID: SW-9 (2')

Lab Sample ID: 880-24178-36

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44921	01/27/23 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45310	02/04/23 01:16	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/04/23 09:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	44991	01/30/23 08:58	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 17:54	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44915	01/27/23 12:11	KS	EET MID
Soluble	Analysis	300.0		1			44962	01/28/23 05:13	CH	EET MID

Client Sample ID: SW-10 (2')

Lab Sample ID: 880-24178-37

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44921	01/27/23 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45310	02/04/23 01:37	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/04/23 09:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44991	01/30/23 08:58	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 18:16	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-10 (2')

Lab Sample ID: 880-24178-37

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	44915	01/27/23 12:11	KS	EET MID
Soluble	Analysis	300.0		1			44962	01/28/23 05:19	CH	EET MID

Client Sample ID: SW-11 (2')

Lab Sample ID: 880-24178-38

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44921	01/27/23 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45310	02/04/23 01:57	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/04/23 09:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44991	01/30/23 08:58	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 18:39	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	44915	01/27/23 12:11	KS	EET MID
Soluble	Analysis	300.0		1			44962	01/28/23 05:25	CH	EET MID

Client Sample ID: SW-12 (3')

Lab Sample ID: 880-24178-39

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44921	01/27/23 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45310	02/04/23 02:18	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/04/23 09:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44991	01/30/23 08:58	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 19:02	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	44915	01/27/23 12:11	KS	EET MID
Soluble	Analysis	300.0		1			44962	01/28/23 05:32	CH	EET MID

Client Sample ID: SW-13 (3')

Lab Sample ID: 880-24178-40

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44921	01/27/23 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45310	02/04/23 02:39	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/04/23 09:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44991	01/30/23 08:58	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 19:23	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	44915	01/27/23 12:11	KS	EET MID
Soluble	Analysis	300.0		1			44962	01/28/23 05:38	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-14 (3')

Lab Sample ID: 880-24178-41

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44921	01/27/23 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45310	02/04/23 04:04	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/04/23 09:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	45046	01/30/23 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 21:12	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	44916	01/27/23 12:13	KS	EET MID
Soluble	Analysis	300.0		1			44960	01/28/23 03:11	CH	EET MID

Client Sample ID: SW-15 (2')

Lab Sample ID: 880-24178-42

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44921	01/27/23 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45310	02/04/23 04:25	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/04/23 09:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45046	01/30/23 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 22:17	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44916	01/27/23 12:13	KS	EET MID
Soluble	Analysis	300.0		1			44960	01/28/23 03:26	CH	EET MID

Client Sample ID: SW-16 (2')

Lab Sample ID: 880-24178-43

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44921	01/27/23 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45310	02/04/23 04:45	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/04/23 09:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45046	01/30/23 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 22:39	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	44916	01/27/23 12:13	KS	EET MID
Soluble	Analysis	300.0		1			44960	01/28/23 03:31	CH	EET MID

Client Sample ID: SW-17 (6')

Lab Sample ID: 880-24178-44

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44921	01/27/23 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45310	02/04/23 05:06	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/04/23 09:59	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-17 (6')

Lab Sample ID: 880-24178-44

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45046	01/30/23 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 23:01	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	44916	01/27/23 12:13	KS	EET MID
Soluble	Analysis	300.0		1			44960	01/28/23 03:35	CH	EET MID

Client Sample ID: SW-18 (6')

Lab Sample ID: 880-24178-45

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44921	01/27/23 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45310	02/04/23 05:27	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/04/23 09:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45046	01/30/23 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 23:22	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	44916	01/27/23 12:13	KS	EET MID
Soluble	Analysis	300.0		1			44960	01/28/23 03:40	CH	EET MID

Client Sample ID: SW-19 (2')

Lab Sample ID: 880-24178-46

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44921	01/27/23 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45310	02/04/23 05:48	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/04/23 09:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45046	01/30/23 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/30/23 23:45	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	44916	01/27/23 12:13	KS	EET MID
Soluble	Analysis	300.0		1			44960	01/28/23 03:55	CH	EET MID

Client Sample ID: SW-20 (2')

Lab Sample ID: 880-24178-47

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44921	01/27/23 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45310	02/04/23 06:08	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/04/23 09:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45046	01/30/23 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/31/23 00:06	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-20 (2')

Lab Sample ID: 880-24178-47

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	44916	01/27/23 12:13	KS	EET MID
Soluble	Analysis	300.0		1			44960	01/28/23 03:59	CH	EET MID

Client Sample ID: SW-21 (2')

Lab Sample ID: 880-24178-48

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44921	01/27/23 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45310	02/04/23 06:29	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/04/23 09:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45046	01/30/23 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/31/23 00:27	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	44916	01/27/23 12:13	KS	EET MID
Soluble	Analysis	300.0		1			44960	01/28/23 04:04	CH	EET MID

Client Sample ID: SW-22 (6')

Lab Sample ID: 880-24178-49

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44921	01/27/23 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45310	02/04/23 06:50	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/04/23 09:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45046	01/30/23 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/31/23 00:49	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	44916	01/27/23 12:13	KS	EET MID
Soluble	Analysis	300.0		1			44960	01/28/23 04:09	CH	EET MID

Client Sample ID: SW-23 (6')

Lab Sample ID: 880-24178-50

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44921	01/27/23 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45310	02/04/23 07:10	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			45138	02/04/23 09:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45046	01/30/23 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/31/23 01:10	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44916	01/27/23 12:13	KS	EET MID
Soluble	Analysis	300.0		1			44960	01/28/23 04:14	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-24 (2')

Lab Sample ID: 880-24178-51

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44925	01/27/23 12:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44988	01/30/23 13:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	01/31/23 14:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45046	01/30/23 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/31/23 01:52	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44916	01/27/23 12:13	KS	EET MID
Soluble	Analysis	300.0		1			44960	01/28/23 04:18	CH	EET MID

Client Sample ID: SW-25 (4')

Lab Sample ID: 880-24178-52

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44925	01/27/23 12:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44988	01/30/23 13:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	01/31/23 14:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45046	01/30/23 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/31/23 02:13	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	44916	01/27/23 12:13	KS	EET MID
Soluble	Analysis	300.0		1			44960	01/28/23 04:33	CH	EET MID

Client Sample ID: SW-26 (4')

Lab Sample ID: 880-24178-53

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44925	01/27/23 12:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44988	01/30/23 13:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	01/31/23 14:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45046	01/30/23 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/31/23 02:34	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44916	01/27/23 12:13	KS	EET MID
Soluble	Analysis	300.0		1			44960	01/28/23 04:38	CH	EET MID

Client Sample ID: SW-27 (1')

Lab Sample ID: 880-24178-54

Date Collected: 01/25/23 00:00

Matrix: Solid

Date Received: 01/27/23 10:45

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	44925	01/27/23 12:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44988	01/30/23 14:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45138	01/31/23 14:02	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24178-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-27 (1')
Date Collected: 01/25/23 00:00
Date Received: 01/27/23 10:45

Lab Sample ID: 880-24178-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			45120	01/31/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45046	01/30/23 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44982	01/31/23 02:55	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	44916	01/27/23 12:13	KS	EET MID
Soluble	Analysis	300.0		1			44960	01/28/23 04:52	CH	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

Job ID: 880-24178-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

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

Eurofins Midland

Method Summary

Client: Carmona Resources

Job ID: 880-24178-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Midland

Sample Summary

Client: Carmona Resources

Job ID: 880-24178-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-24178-1	CS-1 (1.5')	Solid	01/24/23 00:00	01/27/23 10:45
880-24178-2	CS-2 (1.5')	Solid	01/24/23 00:00	01/27/23 10:45
880-24178-3	CS-3 (1.5')	Solid	01/24/23 00:00	01/27/23 10:45
880-24178-4	CS-4 (1.5')	Solid	01/24/23 00:00	01/27/23 10:45
880-24178-5	CS-5 (1.5')	Solid	01/24/23 00:00	01/27/23 10:45
880-24178-6	CS-6 (1.5')	Solid	01/24/23 00:00	01/27/23 10:45
880-24178-7	CS-7 (1.5')	Solid	01/24/23 00:00	01/27/23 10:45
880-24178-8	CS-8 (1.5')	Solid	01/24/23 00:00	01/27/23 10:45
880-24178-9	CS-9 (1.5')	Solid	01/24/23 00:00	01/27/23 10:45
880-24178-10	CS-10 (1.5')	Solid	01/24/23 00:00	01/27/23 10:45
880-24178-11	CS-11 (1.5')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-12	CS-12 (2')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-13	CS-13 (2')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-14	CS-14 (2')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-15	CS-15 (2')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-16	CS-16 (2')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-17	CS-17 (2')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-18	CS-18 (2')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-19	CS-19 (2')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-20	CS-20 (2')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-21	CS-21 (6')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-22	CS-22 (2')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-23	CS-23 (2')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-24	CS-24 (2')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-25	CS-25 (2')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-26	CS-26 (2')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-27	CS-27 (3')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-28	SW-1 (1.5')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-29	SW-2 (0.5')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-30	SW-3 (0.5')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-31	SW-4 (0.5')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-32	SW-5 (1.5')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-33	SW-6 (1.5')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-34	SW-7 (1.5')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-35	SW-8 (1.5')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-36	SW-9 (2')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-37	SW-10 (2')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-38	SW-11 (2')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-39	SW-12 (3')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-40	SW-13 (3')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-41	SW-14 (3')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-42	SW-15 (2')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-43	SW-16 (2')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-44	SW-17 (6')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-45	SW-18 (6')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-46	SW-19 (2')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-47	SW-20 (2')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-48	SW-21 (2')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-49	SW-22 (6')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-50	SW-23 (6')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-51	SW-24 (2')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-52	SW-25 (4')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-53	SW-26 (4')	Solid	01/25/23 00:00	01/27/23 10:45
880-24178-54	SW-27 (1')	Solid	01/25/23 00:00	01/27/23 10:45

Chain of Custody

Work Order No: 24178

Page 1 of 6

Project Manager	Conner Moehring	Bill to (if different)	Jacqui Harris
Company Name	Carmona Resources	Company Name	COG
Address	310 W Wall St Ste 415	Address	15 W London Rd
City, State ZIP	Midland, TX 79701	City, State ZIP	Loving, NM 88258
Phone	432-813-6823	Email	jacqui.harris@conocophillips.com

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ JRC ☐ Refund
State of Project	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV
Deliverables EDD	☐ ADAPT ☐ Other

Project Name	Call Roll 24 Fed Com 2H (11 01 22)	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes			
Project Number	1185															None NO	DI Water H ₂ O	
Project Location	Eddy County, New Mexico	Due Date	24 hour													Cool Cool	MeOH Me	
Sample's Name	CRM															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	Thermocouple 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	
CS-1 (1 5)	1/24/2023		X		C	1	X	X	X	X							402	
CS-2 (1 5)	1/24/2023		X		C	1	X	X	X	X								
CS-3 (1 5)	1/24/2023		X		C	1	X	X	X	X								
CS-4 (1 5)	1/24/2023		X		C	1	X	X	X	X								
CS-5 (1 5)	1/24/2023		X		C	1	X	X	X	X								
CS-6 (1 5)	1/24/2023		X		C	1	X	X	X	X								
CS-7 (1 5)	1/24/2023		X		C	1	X	X	X	X								
CS-8 (1 5)	1/24/2023		X		C	1	X	X	X	X								
CS-9 (1 5)	1/24/2023		X		C	1	X	X	X	X								
CS-10 (1 5)	1/25/2023		X		C	1	X	X	X	X								

Comments



880-24178 Chain of Custody

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
<i>Aurelia Luna</i>		1-27-23	<i>[Signature]</i>		
		1645			

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Project Manager	Conner Moehring	Bill to (if different)	Jacqui Harris
Company Name	Camrona Resources	Company Name	COG
Address	310 W Wall St Ste 415	Address	15 W London Rd
City, State ZIP	Midland, TX 79701	City, State ZIP	Loving, NM 88258
Phone	432-813-6823	Email	jacqui.harris@conocophillips.com

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ RC ☐ Iperfund
State of Project	
Reporting Level I	☐ Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables EDD	☐ ADAPT ☐ Other

Page 2 of 6

Work Order No: 24178

Project Name		Call Roll 24 Fed Com 2H (11 01 22)			Turn Around			ANALYSIS REQUEST										Preservative Codes		
Project Number	1185	☐ Routine	☒ Rush														None NO	DI Water H ₂ O		
Project Location	Eddy County, New Mexico			Due Date	24 hour												Cool Cool	MeOH Me		
Sampler's Name	CRM																HCL HC	HNO ₃ HN		
PO #:																	H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT		Temp Blank	Yes No	Wet Ice	Yes No															
Received Intact:		Yes No	Thermometer ID																	
Cooler Custody Seals.		Yes No N/A	Correction Factor																	
Sample Custody Seals		Yes No N/A	Temperature Reading																	
Total Containers		Corrected Temperature																		
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments		
CS-11 (1 5)		1/25/2023		X		C	1	X	X	X										
CS-12 (2)		1/25/2023		X		C	1	X	X	X										
CS-13 (2)		1/25/2023		X		C	1	X	X	X										
CS-14 (2)		1/25/2023		X		C	1	X	X	X										
CS-15 (2)		1/25/2023		X		C	1	X	X	X										
CS-16 (2)		1/25/2023		X		C	1	X	X	X										
CS-17 (2)		1/25/2023		X		C	1	X	X	X										
CS-18 (2)		1/25/2023		X		C	1	X	X	X										
CS-19 (2)		1/25/2023		X		C	1	X	X	X										
CS-20 (2)		1/25/2023		X		C	1	X	X	X										

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>Michael WWS</i>	1-27-23 1045	<i>UAT</i>	

Chain of Custody

Work Order No: 24170

Page 3 of 6

Project Manager	Conner Moehring	Bill to, (if different)	Jacqui Harris
Company Name	Carmona Resources	Company Name	COG
Address	310 W Wall St Ste 415	Address	15 W London Rd
City, State ZIP	Midland, TX 79701	City, State ZIP	Loving NM 88258
Phone	432-813-6823	Email	jacqui.harris@conocophillips.com

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ JRC ☐ Superfund
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ PRP ☐ Level IV ☐
Deliverables EDD	☐ ADAPT ☐ Other

Project Name		Call Roll 24 Fed Com 2H (11 01 22)		Turn Around			Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	1185	☐ Routine	☒ Rush					None NO	DI Water- H ₂ O												
Project Location	Eddy County, New Mexico	Due Date	24 hour													Cool Cool	MeOH Me				
Sampler's Name	CRM															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													Sample Comments	
CS-21 (6')		1/25/2023		X		C	1	X	X	X											
CS-22 (2')		1/25/2023		X		C	1	X	X	X											
CS-23 (2')		1/25/2023		X		C	1	X	X	X											
CS-24 (2')		1/25/2023		X		C	1	X	X	X											
CS-25 (2')		1/25/2023		X		C	1	X	X	X											
CS-26 (2')		1/25/2023		X		C	1	X	X	X											
CS-27 (3')		1/25/2023		X		C	1	X	X	X											
SW-1 (1 5')		1/24/2023		X		C	1	X	X	X											
SW-2 (0 5')		1/24/2023		X		C	1	X	X	X											
SW-3 (0 5')		1/24/2023		X		C	1	X	X	X											

Comments

Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time
		1-27-23			
		1045			

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Chain of Custody

Work Order No: 24178

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Project Manager:	Conner Moehring	Bill to: (if different)	Jacqui Harris
Company Name:	Carmona Resources	Company Name	COG
Address:	310 W Wall St Ste 415	Address:	15 W London Rd
City, State ZIP	Midland, TX 79701	City, State ZIP	Loving, NM 88258
Phone:	432-813-6823	Email:	jacqui.harris@conocophillips.com

Work Order Comments	
Program: UST/PST	PRP
State of Project:	Howfields
Reporting Level II	Level III
Deliverables EDD	ADAPT
Other:	

Project Name:		Call Roll 24 Fed Com 2H (1/1 01 22)		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number	1185	☐ Routine	☒ Rush																None NO	DI Water H ₂ O	
Project Location	Eddy County, New Mexico			Due Date	24 hour												Cool Cool	MeOH Me			
Sampler's Name:	CRM																HCL HC	HNO ₃ HN			
PO #:																	H ₂ SO ₄ H ₂	NaOH Na			
SAMPLE RECEIPT	Temp Blank	Yes	No	Wet Ice	Yes	No	Parameters												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	BTEX 8021B												Sample Comments	
SW-4 (0 5')		1/24/2023		X		C	1	X	X	X	X										
SW-5 (1 5')		1/24/2023		X		C	1	X	X	X	X										
SW-6 (1 5')		1/24/2023		X		C	1	X	X	X	X										
SW-7 (1 5')		1/24/2023		X		C	1	X	X	X	X										
SW-8 (1 5')		1/24/2023		X		C	1	X	X	X	X										
SW-9 (2')		1/25/2023		X		C	1	X	X	X	X										
SW-10 (2')		1/25/2023		X		C	1	X	X	X	X										
SW-11 (2')		1/25/2023		X		C	1	X	X	X	X										
SW-12 (3')		1/25/2023		X		C	1	X	X	X	X										
SW-13 (3')		1/25/2023		X		C	1	X	X	X	X										

Comments

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>Maura Wiles</i>	1-27-23	<i>WJ</i>	1045

Chain of Custody

Work Order No: 24117B

Page 5 of 6

Project Manager	Conner Moehring	Bill to (if different)	Jacqui Harris
Company Name	Carmona Resources	Company Name	COG
Address	310 W Wall St Ste 415	Address	15 W London Rd
City, State ZIP	Midland, TX 79701	City, State ZIP	Loving, NM 88258
Phone	432-813-6823	Email	jacqui.harris@conocophillips.com

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ RC ☐ Inertfund
State of Project:	
Reporting Level I	☐ Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV
Deliverables: EDD	☐ ADAPT ☐ Other

Project Name	Call Roll 24 Fed Com 2H (11 01 22)	Turn Around	☐ Routine ☒ Rush	24 hour	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number	1185	Due Date																None NO	DI Water H ₂ O	
Project Location	Eddy County, New Mexico																	Cool Cool	MeOH Me	
Sampler's Name	CRM																	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 In tact:	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 S APC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
SW-14 (3)	1/25/2023		X		C	1	X	X	X	X										
SW-15 (2)	1/25/2023		X		C	1	X	X	X	X										
SW-16 (2)	1/25/2023		X		C	1	X	X	X	X										
SW-17 (6)	1/25/2023		X		C	1	X	X	X	X										
SW-18 (6)	1/25/2023		X		C	1	X	X	X	X										
SW-19 (2)	1/25/2023		X		C	1	X	X	X	X										
SW-20 (2)	1/25/2023		X		C	1	X	X	X	X										
SW-21 (2)	1/25/2023		X		C	1	X	X	X	X										
SW-22 (6)	1/25/2023		X		C	1	X	X	X	X										
SW-23 (6)	1/25/2023		X		C	1	X	X	X	X										

Comments

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>Conner Moehring</i>	1-27-23	<i>[Signature]</i>	1045

Chain of Custody

Work Order No: 2417B

[illegible]

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-24178-1

SDG Number: Eddy County, New Mexico

Login Number: 24178

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 415
Midland, Texas 79701

Generated 2/7/2023 10:33:03 AM

JOB DESCRIPTION

Cali Roll 24 Fed Com 2H (11.01.22)
SDG NUMBER Eddy County, New Mexico

JOB NUMBER

880-24306-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701



Eurofins Midland

Job Notes

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
2/7/2023 10:33:03 AM

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

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Laboratory Job ID: 880-24306-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24306-1
SDG: Eddy County, New Mexico

Qualifiers

GC 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.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24306-1
SDG: Eddy County, New Mexico

Job ID: 880-24306-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-24306-1****Receipt**

The sample was received on 2/3/2023 4:13 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.2°C

Receipt Exceptions

The following sample was received and analyzed from an unpreserved bulk soil jar: CS-16 (2') (880-24306-1).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-45533 and analytical batch 880-45544 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: Surrogate recovery for the following sample was outside control limits: CS-16 (2') (880-24306-1). 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: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-45548 and analytical batch 880-45535 was outside control limits. Sample non-homogeneity is suspected.

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

HPLC/IC

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

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24306-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-16 (2')

Lab Sample ID: 880-24306-1

Date Collected: 02/02/23 00:00

Matrix: Solid

Date Received: 02/03/23 16:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/05/23 11:26	02/06/23 18:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/05/23 11:26	02/06/23 18:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/05/23 11:26	02/06/23 18:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/05/23 11:26	02/06/23 18:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/05/23 11:26	02/06/23 18:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/05/23 11:26	02/06/23 18:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	46	S1-	70 - 130	02/05/23 11:26	02/06/23 18:15	1
1,4-Difluorobenzene (Surr)	106		70 - 130	02/05/23 11:26	02/06/23 18:15	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			02/07/23 09:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/07/23 10:52	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		02/06/23 08:09	02/07/23 04:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/06/23 08:09	02/07/23 04:36	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/06/23 08:09	02/07/23 04:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	02/06/23 08:09	02/07/23 04:36	1
o-Terphenyl	107		70 - 130	02/06/23 08:09	02/07/23 04:36	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			02/05/23 11:25	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24306-1
SDG: Eddy 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 (70-130)	DFBZ1 (70-130)
880-24267-A-13-C MS	Matrix Spike	105	98
880-24267-A-13-D MSD	Matrix Spike Duplicate	101	94
880-24306-1	CS-16 (2')	46 S1-	106
LCS 880-45533/1-A	Lab Control Sample	92	95
LCSD 880-45533/2-A	Lab Control Sample Dup	101	105
MB 880-45533/5-A	Method Blank	90	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 (70-130)	OTPH1 (70-130)
880-24267-A-21-D MS	Matrix Spike	99	94
880-24267-A-21-E MSD	Matrix Spike Duplicate	129	105
880-24306-1	CS-16 (2')	109	107
LCS 880-45548/2-A	Lab Control Sample	99	94
LCSD 880-45548/3-A	Lab Control Sample Dup	90	91
MB 880-45548/1-A	Method Blank	106	108
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources

Job ID: 880-24306-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-45533/5-A

Matrix: Solid

Analysis Batch: 45544

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45533

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/05/23 11:26	02/06/23 10:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/05/23 11:26	02/06/23 10:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/05/23 11:26	02/06/23 10:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/05/23 11:26	02/06/23 10:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/05/23 11:26	02/06/23 10:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/05/23 11:26	02/06/23 10:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	02/05/23 11:26	02/06/23 10:51	1
1,4-Difluorobenzene (Surr)	88		70 - 130	02/05/23 11:26	02/06/23 10:51	1

Lab Sample ID: LCS 880-45533/1-A

Matrix: Solid

Analysis Batch: 45544

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45533

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09317		mg/Kg		93	70 - 130
Toluene	0.100	0.08852		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.07853		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	0.200	0.1507		mg/Kg		75	70 - 130
o-Xylene	0.100	0.07740		mg/Kg		77	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-45533/2-A

Matrix: Solid

Analysis Batch: 45544

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45533

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1109		mg/Kg		111	70 - 130	17	35
Toluene	0.100	0.1027		mg/Kg		103	70 - 130	15	35
Ethylbenzene	0.100	0.09095		mg/Kg		91	70 - 130	15	35
m-Xylene & p-Xylene	0.200	0.1758		mg/Kg		88	70 - 130	15	35
o-Xylene	0.100	0.09002		mg/Kg		90	70 - 130	15	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-24267-A-13-C MS

Matrix: Solid

Analysis Batch: 45544

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 45533

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1 F2	0.100	0.02268	F1	mg/Kg		23	70 - 130
Toluene	<0.00201	U F1 F2	0.100	0.02682	F1	mg/Kg		27	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24306-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24267-A-13-C MS

Matrix: Solid

Analysis Batch: 45544

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 45533

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U F1	0.100	0.05039	F1	mg/Kg		50	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.200	0.09345	F1	mg/Kg		47	70 - 130
o-Xylene	<0.00201	U F1	0.100	0.05201	F1	mg/Kg		52	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-24267-A-13-D MSD

Matrix: Solid

Analysis Batch: 45544

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 45533

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1 F2	0.0990	0.03570	F1 F2	mg/Kg		36	70 - 130	45	35
Toluene	<0.00201	U F1 F2	0.0990	0.04177	F1 F2	mg/Kg		42	70 - 130	44	35
Ethylbenzene	<0.00201	U F1	0.0990	0.06394	F1	mg/Kg		65	70 - 130	24	35
m-Xylene & p-Xylene	<0.00402	U F1	0.198	0.1158	F1	mg/Kg		58	70 - 130	21	35
o-Xylene	<0.00201	U F1	0.0990	0.06325	F1	mg/Kg		64	70 - 130	20	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

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

Lab Sample ID: MB 880-45548/1-A

Matrix: Solid

Analysis Batch: 45535

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45548

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/23 08:09	02/06/23 20:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/23 08:09	02/06/23 20:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/23 08:09	02/06/23 20:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	02/06/23 08:09	02/06/23 20:16	1
o-Terphenyl	108		70 - 130	02/06/23 08:09	02/06/23 20:16	1

Lab Sample ID: LCS 880-45548/2-A

Matrix: Solid

Analysis Batch: 45535

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45548

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	999	812.4		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	999	890.5		mg/Kg		89	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24306-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-45548/2-A
Matrix: Solid
Analysis Batch: 45535

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 45548

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	94		70 - 130

Lab Sample ID: LCSD 880-45548/3-A
Matrix: Solid
Analysis Batch: 45535

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 45548

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	999	799.3		mg/Kg		80	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	999	864.2		mg/Kg		87	70 - 130	3	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: 880-24267-A-21-D MS
Matrix: Solid
Analysis Batch: 45535

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 45548

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 F2	996	935.5		mg/Kg		94	70 - 130		
Diesel Range Organics (Over C10-C28)	88.5		996	852.4		mg/Kg		77	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	94		70 - 130

Lab Sample ID: 880-24267-A-21-E MSD
Matrix: Solid
Analysis Batch: 45535

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 45548

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 F2	997	741.8	F2	mg/Kg		74	70 - 130	23	20
Diesel Range Organics (Over C10-C28)	88.5		997	945.8		mg/Kg		86	70 - 130	10	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	129		70 - 130
o-Terphenyl	105		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24306-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-45417/1-A

Matrix: Solid

Analysis Batch: 45534

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			02/05/23 11:11	1

Lab Sample ID: LCS 880-45417/2-A

Matrix: Solid

Analysis Batch: 45534

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	251.7		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-45417/3-A

Matrix: Solid

Analysis Batch: 45534

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	265.0		mg/Kg		106	90 - 110	5	20

Lab Sample ID: 880-24306-1 MS

Matrix: Solid

Analysis Batch: 45534

Client Sample ID: CS-16 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<5.03	U	252	258.1		mg/Kg		103	90 - 110

Lab Sample ID: 880-24306-1 MSD

Matrix: Solid

Analysis Batch: 45534

Client Sample ID: CS-16 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<5.03	U	252	247.0		mg/Kg		98	90 - 110	4	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24306-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 45533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24306-1	CS-16 (2')	Total/NA	Solid	5035	
MB 880-45533/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-45533/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-45533/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-24267-A-13-C MS	Matrix Spike	Total/NA	Solid	5035	
880-24267-A-13-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 45544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24306-1	CS-16 (2')	Total/NA	Solid	8021B	45533
MB 880-45533/5-A	Method Blank	Total/NA	Solid	8021B	45533
LCS 880-45533/1-A	Lab Control Sample	Total/NA	Solid	8021B	45533
LCSD 880-45533/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	45533
880-24267-A-13-C MS	Matrix Spike	Total/NA	Solid	8021B	45533
880-24267-A-13-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	45533

Analysis Batch: 45669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24306-1	CS-16 (2')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 45535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24306-1	CS-16 (2')	Total/NA	Solid	8015B NM	45548
MB 880-45548/1-A	Method Blank	Total/NA	Solid	8015B NM	45548
LCS 880-45548/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	45548
LCSD 880-45548/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	45548
880-24267-A-21-D MS	Matrix Spike	Total/NA	Solid	8015B NM	45548
880-24267-A-21-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	45548

Prep Batch: 45548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24306-1	CS-16 (2')	Total/NA	Solid	8015NM Prep	
MB 880-45548/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-45548/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-45548/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-24267-A-21-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-24267-A-21-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 45679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24306-1	CS-16 (2')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 45417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24306-1	CS-16 (2')	Soluble	Solid	DI Leach	
MB 880-45417/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-45417/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-45417/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-24306-1

Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 45417 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24306-1 MS	CS-16 (2')	Soluble	Solid	DI Leach	
880-24306-1 MSD	CS-16 (2')	Soluble	Solid	DI Leach	

Analysis Batch: 45534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24306-1	CS-16 (2')	Soluble	Solid	300.0	45417
MB 880-45417/1-A	Method Blank	Soluble	Solid	300.0	45417
LCS 880-45417/2-A	Lab Control Sample	Soluble	Solid	300.0	45417
LCSD 880-45417/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	45417
880-24306-1 MS	CS-16 (2')	Soluble	Solid	300.0	45417
880-24306-1 MSD	CS-16 (2')	Soluble	Solid	300.0	45417

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24306-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-16 (2')
Date Collected: 02/02/23 00:00
Date Received: 02/03/23 16:13

Lab Sample ID: 880-24306-1
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			5.01 g	5 mL	45533	02/05/23 11:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45544	02/06/23 18:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45669	02/07/23 09:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			45679	02/07/23 10:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	45548	02/06/23 08:09	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45535	02/07/23 04:36	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	45417	02/03/23 16:34	KS	EET MID
Soluble	Analysis	300.0		1			45534	02/05/23 11:25	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: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24306-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23
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: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24306-1
SDG: Eddy County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (11.01.22)

Job ID: 880-24306-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-24306-1	CS-16 (2')	Solid	02/02/23 00:00	02/03/23 16:13

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

[illegible]

Work Order No: 24304

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-24306-1

SDG Number: Eddy County, New Mexico

Login Number: 24306

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	

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

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

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

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

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

CONDITIONS

Action 188178

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 188178
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved. Going forward, please include in closure report procedures for reclamation off pad, ex. reseeding.	4/20/2023